

EKOTEK INSPECTION REPORT

DATE: 1/21/86

TIME: 9:00 AM

SITE IS OIL REPROCESSING FACILITY.

EKOTEK WAS PREVIOUS OWNER

CURRENT OWNER IS : LAURENCE & DIANE WEBSTER AS OF DEC 30, 1983
16571 ARDSLEY CIRCLE
HUNTINGTON BEACH, CA 92649
(714) 840-1730

LAURENCE WEBSTER
INTERCOASTAL OIL
(213) 595-5503

LAURENCE WEBSTER IS IN PROCESS OF SELLING FACILITY TO "TRANCOR"
MR. WEBSTER IS EXPERIENCING DIFFICULTY IN CLOSING THE SALE.
APPARENTLY THE CONFLICT INVOLVES THE FACT THAT EKOTEK LUBE IS ON THE SPRL.

WHEN EKOTEK VACATED THE FACILITY, EKOTEK REMOVED "PROPRIETARY" EQUIPMENT.
THEY LEFT THE OVERHEAD PIPELINES, HOWEVER. THE SITE IS STREWN WITH
BROKEN AND UNBROKEN BOTTLES. THE ENTIRE SITE IS PAVED EXCEPT FOR ONE
LOCATION WHERE ALLEGEDLY A BOILER WAS PREVIOUSLY LOCATED. MOLTEN SLAG
WAS DEPOSITED ONTO THE GROUND, AND THE SLAG IS THE ONLY REMNANTS
OF THE BOILER. OIL STAINS ARE EVIDENT ON CONCRETE BEAMS. FLOOR
DRAINS ARE FULL OF A VISCOUS SLUDGE. ALL TANKS ARE OPEN TO
THE ATMOSPHERE VIA THE ACCESS HATCH WHICH IS LOCKED @ GROUND
LEVEL. MR. WEBSTER STATED THAT "NO OIL" IS BEING STORED ON-SITE
AT THIS TIME. HE ALSO STATED THAT EKOTEK HAD THE TANKS "CLEANED"
PRIOR TO VACATING THE SITE. THE SUMPS HAVE SLUDGE & RAINWATER.

- RECOMMENDATIONS :
- VERIFY CLEANLINESS OF TANKS (INTERNAL) VIA SAMPLING
 - REMOVE SLUDGE FROM SUMPS & FLOOR DRAINS
 - TAKE SOIL SAMPLES IN FORMER BOILER SITE & TEST FOR HAP CONSTITUENTS
 - STEAM CLEAN ALL OVERHEAD & UNDERGROUND PIPE LINES ???
 - SOIL BORINGS & GW SAMPLING IN DESIGNATED AREAS TO VERIFY NO MIGRATION OF HAZARDOUS CONSTITUENTS
 - SITE MAP WITH LOCATIONS OF ALL OIL LINES UNDERGROUND TANKS
SUMPS LINES ABOVE-GROUND TANKS
FLOOR DRAINS

HS

00-107-1

POOR QUALITY
ORIGINAL



HAZARDOUS WASTE
SURVEILLANCE AND COMPLIANCE REPORT



DATE 10/3/84

FIRM NAME EKOTEK SITE CLASSIFICATION I II-1 II-2 III
ADDRESS 4200 Alameda AVE. Other Machine Lab/land
Cubland, Ca. SITE PERMIT NO. _____

Purpose: A drive by to inspect status of drums stored at site and to observe and photograph their condition.

Background: EPA is the agency responsible for removal of the drums. Drum removal should begin within 3 weeks

Persons Present: Glenn Kietzer DOTS

Comments: Very heavy strong smell of oil permeating the site. Some of the drums are corroded and leaking. Someone appears to have restacked the drums. See photos taken by U.S. Coast Guard on 4/84.

One of the drums appears to have a recent leak as evidenced by fresh absorbent material placed over ground leakage near drums. Photo No. 7

INSPECTOR Glenn R. Kietzer DATE 10/9/84

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00-1-207-2

POOR QUALITY ORIGINAL

HAZARDOUS MATERIALS
MANAGEMENT REPORT
continued

En. # RH, 384-111

LT 11111 via 1111

Subject: abandoned, contaminated site - Eco Paint,
4200 Alameda Ave, Oakland

- 2000 gal. probably solvents in the soil
- 1000 gal. in oil distribution or reclamation facility
- about 20 drums are scattered around the site
- some are labelled some are unlabelled or poorly labelled
- there are some with flammable or corrosive labels
- There are some full of oily material
- 27 files are on record the real estate agent and the owners of the property
- The site is within Coast Guard jurisdiction but they are ready to turn it over to EPA quickly if DHS does not respond

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POOR QUALITY
ORIGINAL

Ala Co.
Tax Assess.
includ. int.
doc.
M.W. 4/15/87

RECOMMENDATION FOR FURTHER ACTION

DATE: June 13, 1984

PREPARED BY: Steve Wisbaum, Ecology & Environment, Inc.

SITE: Bayside Oil Company
CAD 980496871

1. Initial FIT conclusions and recommendation for further action:

a) Site Description:

Located in an older industrial area in West Oakland California, Bayside Oil company is a waste lube oil recovery and recycling facility which has been in existence since the early 1930's. The one acre site consists of a small office, storage buildings, a number of storage tanks and oil processing equipment squeezed into a roughly triangular shaped piece of land on the corner of Alameda Avenue and East 8th Street. The site is about 500 feet southwest of the Nimitz Freeway. The "finished" oil capacity of the plant in 1975 was estimated to be between 30,000 and 40,000 gal/ week. Approximately 2,000 to 10,000 gal/week of solvents were also recovered (Compliance Inspection of Fabian Oil Company*, Engineering-Science, Inc., September 19, 1975; Zoning Report, City of Oakland, November 1978).

Records on file with the Alameda County Tax Assessors office going back to 1965 show Michael Marcus as the owner at that time. The current owners are Laurence and Diane Webster of Inter-Coastal Oil Company but between the years of 1965 and 1984 ownership of the facility changed hands five times. The facility has been inactive for at least 1-1/2 years. (Alameda County Tax Assessor Contact Report, May 22, 1984; Drive-by site inspection, March 30, 1984; Contact Report with Guenthar Moscat of the California Waste Management Board 4/23/84).

Due to a combination of poor housekeeping and leaking tanks and equipment - some reportedly almost 60 years old - the soil below the facility has become heavily saturated with oil (Compliance Inspection of Fabian Oil Company by Engineering-Science, Inc., September 19, 1975; EPA Stationary Source Inspection Notes, February 3, 1975; Fire Prevention Bureau Contact Report, May 1, 1984; California Waste Management Board Contact Report, April 27, 1984; Drive-by site inspection, March 30, 1984).

* Fabian Oil Company was the name of the facility under one of the previous owners.

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b) HRS Factors:

o Observed Release: Direct evidence of oil released into groundwater at the facility is apparently non-existent but reference to spills at the facility found during the course of this PA are as follows:

- Report of an unknown quantity of oil overflowing from a tank and entering a storm drain in the street which empties into the Oakland Estuary (Fire Prevention Bureau Contact Report, May 1, 1984).
- Report by American Can Company adjacent to facility of water overflowing a dike (Ibid.)
- Report of an unknown foamy material leaking from a tank. Report of oil "over-spray" (Bay Area Air Quality Management District Contact Report, May 23, 1984).
- Department of Fish and Game located a reference to an oil spill between High Street and Fruitvale but no specific address was given and the file itself has been purged (Contact Log 5/3/84).

o Direct Contact/Fire and Explosion: Because the site is protected by a chain link fence and locked gates, the potential for direct contact of potential contaminants by the general public is very low. If the facility would become operational however, the potential for direct contact by employees would be significantly higher.

In respect to the sites fire and explosion potential the low flash point of the residual oil in tanks and on the soil surface would indicate a low to negligible potential rating. However, since it is unknown whether the solvent tanks have been completely emptied and cleaned the fire and explosion potential could be greater (Contact Report with Steve Hallert 5/1/84).

o Waste Quantity: The amount of waste oil and reprocessed oil that has been leaked or spilled at this site is unknown but an attempt to clean up the oil from the soil surface by a previous owner proved unsuccessful due to the depth and degree of saturation (Contact Report with Guenther Moscat of Cal. Waste Management Board 4/27/84).

o Waste Types: The most obvious contaminant at this site is used and recycled petroleum oil which has saturated the soil. Used oil processed at this type of facility would most likely have been obtained from a variety of sources including: automotive garages and service stations, truck and taxi fleets, military installations, industrial plants and manufacturing facilities of all types. The probable presence of hazardous and non-hazardous contaminants in used lubricating oils is well known by people familiar with the waste oil recycling industry. This has been documented in a study conducted by the GCA Corporation for the Department of Energy which identified a variety of contaminants in samples of waste oil taken from around the

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United States. The attached tables list these contaminants and their concentrations (Contact Report with Guenther Muscat 4/27/84; Contact Report with Dennis Brinkman 4/30/84; NBS Technical Note 1130 "Recycled Oil Program: Phase I - Test Procedures for Recycled Oil Used as a Burner Fuel"; The Fate of Hazardous and Non-hazardous Wastes in Used Oil Disposal and Recycling - Final Report, U.S. Department of Energy GCA Corporation, October 1983).

Up to 1980 an acid clay pot process was used at Bayside for oil recovery. A Department of Health Services Industrial Waste Survey report submitted by Fabian Oil in 1976 indicated production of 70,000 gal/yr. of acid treatment sludge, 45,000 lb/yr. of filter cake and 6,000 gal/yr. of solvent still bottoms from this process. In 1980 a distillation unit was added and the acid clay pot removed (Contact Report with William F. Waylend of A. Johnson and Company august 12, 1981; Contact Report with Jerry Marcott of DOHS 5/29/84).

- o Groundwater: According to the U.S. Geological Survey Professional paper 943, Flatland Deposits - Their Geology and Engineering Properties, Bayside Oil Company is underlain by the Merritt Sand geologic formation which would have a relatively high permeability. The depth to groundwater obtained from well logs recorded in the vicinity ranged from 7 to 27 feet (Department of Water Resources Water Well Drillers Reports 32164, 32163, 32158, 209080, 106040). The direction of groundwater flow would most likely be westerly towards the Oakland Estuary. The net annual precipitation of this area is minus 16.5 (Evaporation Atlas, NOAA Technical Report NWS June 1982; Alameda County Flood Control and Water Conservation District Mean Annual Precipitation Map, August 1981).

East Bay MUD discontinued its municipal well water supply in 1926 and there are no known groundwater wells being used for domestic purposes within at least 2 miles of the site. There are a number of wells being used for irrigation purposes within a mile of the site and there are also two wells being used for industrial purposes within 3/4 miles of the site (Contact log with John Tom 5/3/84; Alameda County Bay Plain Groundwater Study, Well Inventory Report; "Hydrogeology of East Bay Area", California Division of Mines Bulletin 190).

- o Surface Water: Mean annual rainfall for this site is approximately 21 inches. Because of the winter rains and summer draught cycles of this area and the compacted nature of the soils on-site the potential for runoff would be fairly high. The site itself is level to slightly sloped with drainage into the City of Oakland's stormsewer system which empties into the San Francisco Bay and Oakland Estuary approximately 1,000 feet east of the site.
- o Other Factors: An inquiry to the U.S. Coast Guard to check on availability of file records pertaining to Bayside revealed their Marine Environmental Protection Office recently identified this site as a potential hazard and would like to be kept informed of EPA's investigative and enforcement activities (Contact Report with Fred Wehrenberg 4/30/84).

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c) Conclusion/Recommendation:

As outlined in this report, many years of poor housekeeping compounded by old and deteriorated equipment has resulted in extensive soil contamination with waste lube oil and re-refined oil at Bayside Oil Company. These oils may contain a variety of contaminants commonly found in waste oils such as PCB's, lead and polynuclear aromatic hydrocarbons (PAH). Although there has been no documented release of the waste oil to groundwater, a combination of a relatively shallow groundwater table and relatively permeable underlying materials indicates potential migration of contamination into the Oakland Estuary. Given that no real determination can be made at this time concerning hazards to human health or to the environment that may exist at this facility, FIT recommends sampling be carried out to further characterize this site and determine if any actual hazards exist.

2. EPA recommendation for further action:

3. Response Termination: No Further Action Pending Active

Justification:

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TABLE II-3. SOME CONTAMINANTS OF POTENTIAL CONCERN IN WASTE CRANKCASE OILS

Organic contaminants	Probable source	Approximate concentration range (ug/l) ^a
Polynuclear aromatic hydrocarbons including:	Petroleum basestock	
benzo(a)pyrene		360-62,000
chrysene		2480
benzo(c)phenanthrene		120
benz(a)anthracene		870-30,000
pyrene		1670-33,000
Monoaromatic hydrocarbons		
alkyl benzenes	Petroleum basestock	900,000
Diaromatic hydrocarbons		
naphthalenes	Petroleum basestock	440,000
alkylnaphthalenes		
alkyl biphenyls		90-740
alkyl benzofurans		minor contaminant
Chlorinated hydrocarbons ^b		
1,2-dichlorobenzene	} May be formed chemically during oil use/contamination of oil by solvents in holding tanks can add appreciably to values provided	60-160
2-chloronaphthalene		8.8
2-chlorophenol		24-2200
methylene chloride		2.5-92
chloroform		2-100
di- and trichloroethanes		18-1800
trichloroethylenes		18-2600
tetrachloroethylene	3.3-1300	
chlorobenzene		4-500
Nitrosamines	Possibly formed during oil use	No data
Polychlorinated biphenyls (PCBs) ^b	Contamination of oil from outside sources	<1000-9700

(continued)

Source: Surprenant, Norman and Battye, William. The Fate of Hazardous and Non-hazardous Wastes in Used Oil Disposal and Recycling. U.S. Department of Energy. October 1983.

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TABLE II-3 (continued)

Organic contaminants	Probable source	Approximate concentration range (µg/l) ^a
Other priority pollutants ^b including:		
benzene	} Contamination of oil from outside sources	18-890
toluene		120-5800
phenol	} Present in petroleum basestock/formed during oil use	5100-99,000
phthalates		1-280
nitrophenols		24-550
nitrobenzenes		1100
various pesticides	Contamination of oil from outside sources	minor contaminants
Metals ^c		
barium	} Additive package	59-693
calcium		983-3126
magnesium		138-999
zinc		629-2500
aluminum	} Engine wear and contamination by soot and dust	4-41
chromium		5-24
copper		6-56
iron	} Contamination from leaded gasoline/lead-containing additives	102-665
lead		3730-13,885 ^d

^aConcentration data are from References 1, 3, 4, 19, and 20.

^bConcentration data are from re-refining process streams and may not reflect true concentrations in used oil feedstocks. Other data from Reference 9 indicate some waste oils contain appreciably higher levels (approximately 1000X) of chlorinated hydrocarbons; high levels of PCB (approximately 500,000 to 810,000 µg/kg) were also detected in two samples of waste oil.

^cAll concentrations are in mg/kg (ppm).

^dHigher levels not anticipated now due to Federal regulation of lead in gasoline.

Source: Surprenant, Norman and Battye, William. The Fate of Hazardous and Non-hazardous Wastes in Used Oil Disposal and Recycling. U.S. Department of Energy. October 1983.

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TABLE II-15. PRIORITIZATION OF SELECTED POLLUTANTS IN WASTE OIL ACCORDING TO RELATIVE HAZARD BY MEDIA

Air		Water and solid waste	
Pollutant	Relative hazard ^a	Pollutant	Relative hazard ^a
Benzo(a)pyrene ^b	1	Polychlorinated biphenyls (PCBs) ^b	1
Polychlorinated biphenyls (PCBs) ^b	50	Benzo(a)pyrene ^b	60
Benzo(a)anthracene ^b	2,250	Aluminum (E) ^c	100
Cadmium	2,500	Phthalate esters (E)	300
Cobalt	2,500	Phenol	1,000
Nitrosamines ^b	3,250	Nitrophenols	1,000
Nickel	5,000	2-chlorophenol	1,000
Lead ^b	7,500	Cadmium	2,000
Benzo(c)phenanthrene ^b	11,200	Selenium	2,000
Barium	25,000	Lead (E)	10,000
Chromium	25,000	Chlorobenzene (E)	20,000
Benzene ^b	36,450	Dichlorobenzene (E)	20,000
Copper	50,000	Zinc (E)	20,000
Iron	50,000	Chromium (Cr ⁶⁺) ^b	50,000
Phenanthrene	80,000	Phenanthrene	80,000
Chrysene ^b	1.1 x 10 ⁵	Benzo(a)anthracene	1.1 x 10 ⁵
Zinc	2.5 x 10 ⁵	Nitrosamines	2.0 x 10 ⁵
Phthalate esters	2.5 x 10 ⁵	Benzene ^b	2.0 x 10 ⁵
Toluene	2.3 x 10 ⁵	Alkyl benzenes (E)	2.0 x 10 ⁵
Nitrobenzenes	2.5 x 10 ⁵	Nitrobenzenes (E)	2.0 x 10 ⁵
Aluminum	2.6 x 10 ⁵	Trichloroethane (E)	2.0 x 10 ⁵
Chloroform	5.0 x 10 ⁵	Tetrachloroethylene (E)	2.0 x 10 ⁵
Nitrophenols	5.0 x 10 ⁵	Toluene (E)	2.0 x 10 ⁵
Ethylene glycol	5.0 x 10 ⁵	Chloroform (E)	2.0 x 10 ⁵
Phenol	9.5 x 10 ⁵	Arsenic	2.0 x 10 ⁵
Dichloroethane	1.0 x 10 ⁶	Cobalt	2.0 x 10 ⁵
2,4,6-Trichlorophenol	1.9 x 10 ⁶	Copper	2.0 x 10 ⁵
Naphthalene	2.5 x 10 ⁶	Silver	2.0 x 10 ⁵
Pyrene	10 ⁷	Barium (E)	5.0 x 10 ⁵
Alkyl naphthalenes	10 ⁷	Benzo(c)phenanthrene	6.7 x 10 ⁵
Methylene chloride	10 ⁷	Ethylene glycol (E)	1 x 10 ⁶
Chlorobenzene	10 ⁷	Dichloroethane (E)	1 x 10 ⁶
Dichlorobenzene	10 ⁷	Trichloroethylene (E)	1 x 10 ⁶
Alkylbenzenes	10 ⁷	Methylene chloride (E)	1 x 10 ⁶
Trichloroethane	10 ⁷	Naphthalene	2.5 x 10 ⁶
Trichloroethylene	10 ⁷	Chrysene ^b	7 x 10 ⁶
Tetrachloroethylene	10 ⁷	Pyrene	10 ⁷
		Alkyl naphthalenes	10 ⁸

^aIndicates the relative hazard potential of each listed substance compared to the substance determined to be most "hazardous" which has been arbitrarily assigned the value of 1. Most hazardous values are 0.02 µg/m³ of B(a)P in air; 0.005 µg/liter of PCBs in water; and 0.1 µg/g of PCBs as solid waste.

^bIndicates that the substance is a known or suspected carcinogen in man and/or animals.

^c(E) indicates that hazard potential is mainly as a detriment to the ecology or environmental quality; other substances are hazards to human health, or both human health and environmental quality.

Source: Surprenant, Norman and Battye, William. The Fate of Hazardous and Non-hazardous Wastes in Used Oil Disposal and Recycling. U.S. Department of Energy. October 1983.

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TABLE II-16. WEIGHTED RELATIVE HAZARD FOR SOME CHEMICAL CONTAMINANTS OF INTEREST IN WASTE OIL

Contaminant	Concentration (mg/kg)	Weighted Relative Hazard ^a
Benzo (a)pyrene	< 5	<5000
Polychlorinated biphenyls	< 2	<2000
Aluminum	40	400 ^b
Lead	1100	110
Phenol	25	25
Toluene	3100	16
Benz(a)anthracene	15	7
1,1,1-trichloroethane	700	3.5 ^b
Zinc	800	3.2
Phenanthrene	200	2
Benzene	70	2
Tetrachloroethylene	400	2
Trichloroethylene	600	0.6
Cadmium	1	0.5
Chromium	7	0.3
Dichlorobenzene	5	0.25
Naphthalene	460	0.2
Dibutylphthalate	50	0.2

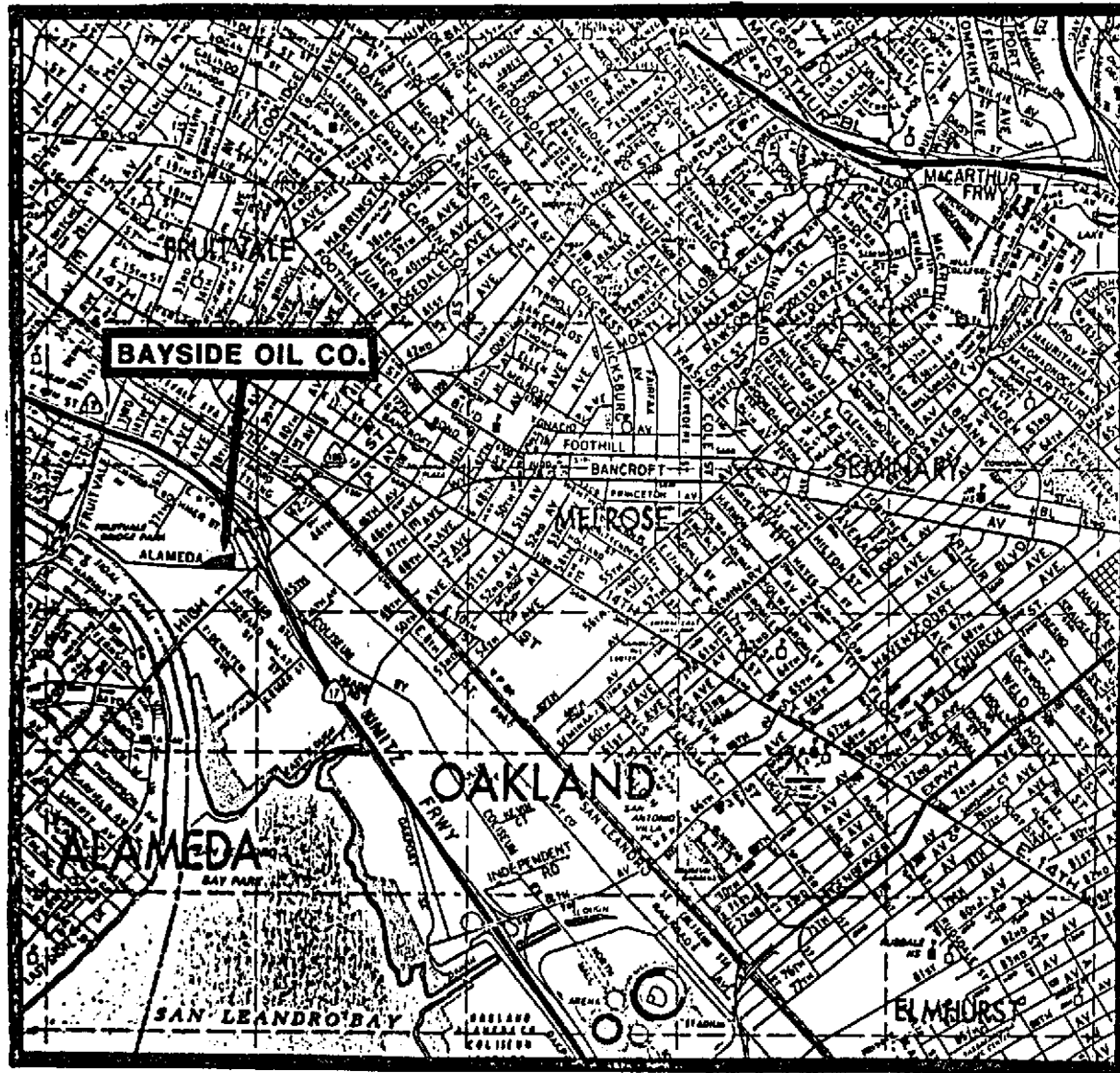
^aWeighted Relative Hazard = $\frac{\text{Concentration in Waste Oil (}\mu\text{g/kg)}}{\text{Relative Hazard Factor}}$

^bBased on ecology.

Source: Surprenant, Norman and Battye, William. The Fate of Hazardous and Non-hazardous Wastes in Used Oil Disposal and Recycling. U.S. Department of Energy. October 1983.

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MAP SHOWING LOCATION OF BAYSIDE OIL CO.
OAKLAND, CALIFORNIA

2007-03-01 SH

PRELIMINARY ASSESSMENT CONTACT LOG

Facility Name: Bayside Oil Company
 Facility ID: CAD 980496871

Name	Affiliation	Phone #	Date	Information
John Monser	U.S. Geological Survey Office	(415) 874-6794	05/17/84	Only useful hydro-geologic information is Geologic Quadrangle Map of Oakland East Quadrangle.
	DOHS Archives		05/18/84	See Contact Report
	Alameda County Flood Control and Water Conservation District	(415) 881-6496	05/21/84	Copied Well Drillers Reports for vicinity of Bayside. Looked at Data Base Management System for Ground-water in Alameda County. This system provides computer printouts of well water levels, quality and addresses. Access is through Township and Range coordinates.
Betty	Alameda County Tax Assessors Office	(415) 874-5851	05/22/84	See Contact Report 5/22/84
	Alameda County Recorders Office	(415) 874-6642	05/22/84	Employees will not search records, I have to go in personally.
Ilze	DOHS Berkeley	(415) 540-3080	05/22/84	Rechecking files for file on Ekotek or Bonus. Nothing found.

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PRELIMINARY ASSESSMENT CONTACT LOG

Facility Name: Bayside Oil Company
Facility ID: CAD 980496871

Name	Affiliation	Phone #	Date	Information
Christine Schaufelberger	Bay Area Air Quality Management District	(415) 771-6000	05/23/84	See Contact Report

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PRELIMINARY ASSESSMENT CONTACT LOG

Facility Name: Bayside Oil Company
Facility ID: CAD 980496871

Name	Affiliation	Phone #	Date	Information
Don Becker	National Bureau of Standards	(301) 921-2857	05/04/84	<ul style="list-style-type: none">o Waste Oil feedstock used to contain up to 2% lead by weight.o Other contaminants could be sulfuric acid and PCB's.o Says "<u>Fate of Hazardous Wastes In Used Oil Recycling</u>" sampling was deficient in Quality Assurance/Quality Control.o Will send me a report of Chemical Analysis of Waste Oil.
John Huges - Supervising Sanitarian	Alameda County Department of Environmental Health	(415) 881-6390	05/07/84	Doesn't know of any wells near Bayside facility. Thinks there may be a spring or well in basement of Lincoln School on Santa Clara Avenue above Broadway Street. Referred me to Leroy Todd and Rafat Sahib.
Leroy Todd	Alameda County Department of Environmental Health	(415) 874-6794	05/11/84	Will check for list of wells in area and get back to me. Doesn't think there are any operating wells close by.

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PRELIMINARY ASSESSMENT CONTACT LOG

Facility Name: Bayside Oil Company
Facility ID: CAD 980496871

Name	Affiliation	Phone #	Date	Information
Jody Jackson	Oakland Public Works Inspectional Services	(415) 273-2332	04/27/84	Probably has information on file from permits submitted by the various owners of the facility. I need to go in to check files myself.
Al Fong	DOHS Sacramento Manifest Dept.	(916) 324-2993	04/27/84	Requested information on manifests which may exist documenting sources of oil brought to facility. Gave me historical background of manifest program. Berkeley should have manifests in Archives.
Guenther Muscat	Cal. Waste Management Board	(916) 322-1443	04/27/84	See Contact Report
Robert Samaniego - Engineer	Regional Water Quality Control Board	(415) 464-0699	04/30/84	Rechecking the RWQCB files for a file on Ekotek was unsuccessful. There was also no files under the names of Bayside Fabian, Economy, and Bonus (Contact Report 2/21/84-3/2/84).

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PRELIMINARY ASSESSMENT CONTACT LOG

Facility Name: Bayside Oil Company
Facility ID: CAD 980496871

Name	Affiliation	Phone #	Date	Information
File Search	RWQCB-Oakland	(415) 464-1255	02/21/84	No file found RWQCB files for Bayside.
File Search	DOHS-Berkeley	(415) 540-2043	03/27/84	No file found in DOHS files for Bayside.
Julie Comings Administrative Secretary	Alcan Aluminum	(415) 526-3722	04/25/84	See Contact Report
John Monser	Alameda County Flood Control and Conservation District	(415) 881-6496	04/25/84	Called for hydro-geological information. He will check what ACFCWCD has and will call back. Also referred me to East Bay MUD, Army Corps of Engineers and DWR in Sacramento.
Kim Wilhelm	DOHS-Sacramento Alternative Technology Group	(916) 322-2337	04/26/84	Requested general information on waste oil recycling industry. Referred me to Guenther Maskat - (916) 322-1443 of Cal. Waste Management Board.
Pat	EPA Librarian	(415) 974-8076	04/26/84	Requested bibliography of waste soil recycling industry. She will send list of publications available.

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PRELIMINARY ASSESSMENT CONTACT LOG

Facility Name: Bayside Oil Company
 Facility ID: CAD 980496871

Name	Affiliation	Phone #	Date	Information
Fred Wehrenberg Assitant Environmental Protection Officer	U.S. Coast Guard	(415) 437-3087	04/30/84	See Contact Report
Dennis Brinkman	National Institute for Petroleum and Energy Research	(916) 336-2400	04/30/84	See Contact Report
Unknown	National Weather Service - Oakland International Airport	(415) 562-8573	05/01/84	18.03" Rainfall- Mean Annual 1951-1980
Bill Skinner	National Climatic Center	(704) 259-0682	05/01/84	Evaporation Data available in NOAA Technical Reports: <u>WWS-34 Mean, Monthly and Seasonal Pan Evap.</u> P.B. 83161729 and NWS-33 Evap. Atlas for Contig. 48 States P.B. 83122440.
Steve Hallert	Oakland Fire Prevention Bureau	(415) 273-3851	05/01/84	See Contact Report
Dwight Honieg Department Chief	DOHS - Toxic Substances Control Program	Called me	05/02/84	Gave me okay to check Archives for mani- fests. Referred me to Cris Noblack at Berkeley DOHS for coordination access.

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PRELIMINARY ASSESSMENT CONTACT LOG

Facility Name: Bayside Oil Company
 Facility ID: CAD 980496871

Name	Affiliation	Phone #	Date	Information
John Tom	East Bay MUD	(415) 891-0675	05/03/84	Municipal well water supply was discontinued around 1926. <u>It's Name Was MUD</u> is a publication by East Bay MUD of water supply history.
Dave Dayton	East Bay MUD	(415) 835-3000	05/03/84	Couldn't locate any applicable hydrogeologic information.
Dick Stein - Engineer	East Bay MUD	Called me	05/03/84	East Bay MUD has no wells under their jurisdiction since they don't use groundwater for their municipal supplies.
Mike Rugg - Water Quality Biologist	Department of Fish and Game	(707) 944-2011	05/03/84	Located a reference to Case File #1830 which documents an oil spill between High Street and Fruitvale but the file has been purged.
Mike Golden	DOHS-Sacramento	(916) 324-2426		Referred to me by Kim Wilhelm of DOHS in Sacramento. Said CH2M Hill did preliminary sampling of Purity Oil which is a similar site. Extensive RI/FS on file in Sacramento.
John Monser	Alameda County Flood Control and Water Conservation District	(415) 881-6496	05/04/84	See Contact Report

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CONTACT REPORT

AGENCY: Bayside Oil Company
ADDRESS: 4200 Alameda Avenue, Oakland, CA
PERSON CONTACTED:
PHONE NO.:
FROM: Steve Wisbaum
TO: File
DATE: March 30, 1984
SUBJECT: Drive by Inspection of Bayside Oil Company

On March 30, 1984 FIT members Steve Wisbaum and Ron Goloubow of Ecology and Environment, Inc. conducted a drive-by inspection of Bayside Oil Company. The purpose of this inspection was to evaluate the site's present status in relation to the Preliminary Assessment being conducted by E & E for the Environmental Protection Agency.

The following observations were made:

- o The site is located in an older industrial area approximately 1000 feet from the San Francisco Bay and approximately 500 feet from the Nimitz Freeway.
- o The site is presently not occupied and a For Sale sign hung on the main office building. The realty agency listed was Hamilton-Cohn-Gerow and the phone number was 562-4490.
- o A chain link fence surrounds the facility.
- o Oil stains cover most of the site and there is a definite smell of oil.
- o Some ponded water was observed beneath some raised tanks in a diked area in the South-East corner of the site.
- o Photographs were taken and accompany this report.

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CONTACT REPORT

AGENCY: Alcan Auminum
ADDRESS: 1069 2nd Street, Albany, CA
PERSON CONTACTED: Julie Comings, Administrative Secretary
PHONE NO: (415) 526-3722
FROM: Steve Wisbaum
TO: File
DATE: 4/25/84
SUBJECT: Type of solvents sent to Bayside for recycling

Alcan was mentioned as the primary source of solvent recycled at Bayside Oil Company. Ms. Comings stated the type of solvent sent to Bayside would have been Chevron 325 and/or Chevron 350B which broken down by weight was:

80% solvent, 16% aluminum and 4% steric acid.

SW:sg
6/20/84

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CONTACT REPORT

AGENCY: California Waste Management Board
ADDRESS: Sacramento, CA
PERSON CONTACTED: Guenther Muscat
PHONE NO.: (916) 322-1433
FROM: Steve Wisbaum
TO: File
DATE: 4/27/84
SUBJECT: Bayside Oil Company

Guenther Muscat was referred to me by Kim Wilhelm of the Sacramento office of the Department of Health Services. I was informed Mr. Muscat specialized in waste oil recycling and could give me information which could be useful in my preliminary assessment of Bayside Oil Company.

Mr. Muscat was in-fact familiar with the Bayside facility. He explained that the last owner he knew of was Ekotek Lube which was based in Holland but had an office in Oakland (7902 Oakport, Oakland) and Salt Lake City (P.O. Box 2106 Salt Lake City, Utah 801/533-9662). According to Mr. Muscat, Ekotek was aware of the oil contamination of the facility in Oakland but were unsuccessful in their attempts to clean up the oil saturated soil. He felt they eventually ceased operations in March of 1980 due to a combination of the soil contamination problem and marketing deficiencies. When asked if Ekotek had tested the oil feedstock for PCB's he said they didn't have the facilities for doing so.

Volumetric data submitted by Ekotek to the California Waste Management Board shows that approximately 75% of the waste oil feedstock received for processing came from out of state via independant haulers and 25% of their feedstock was collected by Ekotek's own trucks from collection stations.

Mr. Muscat referred me to Dennis Brinkman of the National Institute for Petroleum and Energy Research and Don Becker of the National Bureau of Standards for more information on the presence of hazardous materials in oil processed by the Waste Oil Refining Industry. (See Contact Reports 4/30/84 and 5/4/84).

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000-1062

CONTACT REPORT

AGENCY: U.S. Coast Guard - Marine Environmental Protection
Office

ADDRESS: San Francisco

PERSON
CONTACTED: Fred Wehrenberg

PHONE NO. (415) 437-3087

FROM: Steve Wisbaum

TO: File

DATE: 4/30/84

SUBJECT: Bayside Oil Company

Due to the close proximity of the Bayside facility to the Oakland Estuary an inquiry was made to the U.S. Coast Guard as to the availability of file records on the facility. Although Mr. Wehrenberg stated his office does not have a file for Bayside he recently inspected the facility himself after driving by and becoming concerned about potential contamination problems there. He was relieved to know we are conducting this preliminary assessment and would like to be kept informed of the status of our investigation and enforcement activities.

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CONTACT REPORT

AGENCY: National Institute foir Petroleum & Energy Research
ADDRESS: Bartelville, Oklahoma
PERSON CONTACTED: Dennis Brinkman
PHONE NO.: (918) 336-2400
FROM: Steve Wisbaum
TO: File
DATE: 4/30/84
SUBJECT: Information on presence of hazardous materials in waste oil feedstock

Mr. Brinkman was involved in a nationwide study of used oil feedstock in the waste oil refining industry conducted a few years ago. Although the oils were analyzed for hydrocarbons, metals, sulfer and nitrogen only, the problem of hazardous materials being illegally disposed of in waste oil is well known by people associated with the industry. He stated that the problem has existed for many years but has become more acute since enactment of the Resource Conservation and Recovery Act. For more accurate analysis of this problem and how it might relate to the Bayside Facility his is sending me a copy of the "Fate of Hazardous Wastes In Used Oil Recycling" published by the G.C.A. Corporation in Bedford, Massachusetts.

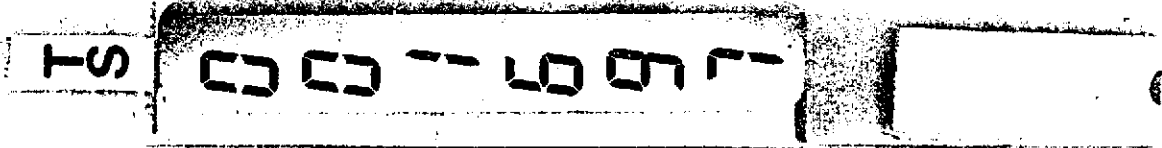
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5/24/84

ALAMEDA COUNTY -- BAY PLAIN GROUNDWATER STUDY -- WELL INVENTORY REPORT

WELL NUMBER	DATE (MO/YR)	SURFACE ELEV. (FT)	TOTAL WELL DEPTH (FT)	DEPTH TO WATER (FT)	DTW (MSL)	WELL USE	LOG	WO	WL
25/SW 5D 1	?	0	0	14	0	IRR	?	N	N
25/SW 5H 1	?	0	60	6	0	IRR	?	N	N
25/SW 5J 1	?	0	0	7	0	IRR	?	N	N
25/SW 5M 1	/46	0	100	12	0	IRR	?	N	N
25/SW 5M 2	6/77	0	0	0	0	GEO*	G	N	N
25/SW 5N 1	4/76	0	120	0	0	CAT	D	N	N
25/SW 8C 1	7/77	0	30	15	0	IRR	D	N	N
25/SW 8C 2	1/75	0	120	0	0	CAT	D	N	N
25/SW 8E 1	12/73	0	120	0	0	CAT	D	N	N
25/SW 8L 1	/19	0	300	81	0	IRR	?	N	N
25/SW 8L 2	7/82	0	235	40	0	MON	E	N	N
25/SW 8L 3	9/82	0	244	40	0	MON	E	N	N
25/SW 8L 4	10/82	0	20	12	0	MON	G	N	N
25/SW 8L 5	9/82	0	25	21	0	MON	G	N	N
25/SW 8L 6	8/82	0	22	16	0	MON	G	N	N
25/SW 8L 7	10/82	0	22	13	0	MON	G	N	N
25/SW 8L 8	8/82	0	22	10	0	MON	G	N	N
25/SW 8L 9	7/82	0	87	0	0	MON	G	N	N
25/SW 8L10	7/82	0	87	39	0	MON	G	N	N
25/SW 8L11	8/82	0	77	41	0	MON	G	N	N
25/SW 8L12	8/82	0	40	15	0	MON	G	N	N
25/SW 8L13	8/82	0	77	40	0	MON	G	N	N
25/SW 8L14	8/82	0	87	40	0	MON	G	N	N
25/SW 8Q 1	/23	16	756	87	-71	IRR	D	Y	N
25/SW 8Q 6	3/81	0	53	27	0	IRR	D	N	N
25/SW 9C 1	7/76	0	120	0	0	CAT	D	N	N
25/SW 9D 1	6/75	0	120	0	0	CAT	D	N	N
25/SW 9K 1	10/77	0	102	61	0	IRR	D	N	N
25/SW 9F 1	/41	0	204	79	0	IRR	?	N	N
25/SW 9F 2	6/76	0	120	0	0	CAT	D	N	N
25/SW 9R 1	7/76	0	120	0	0	CAT	D	N	N



ALAMEDA COUNTY -- BAY PLAIN GROUNDWATER STUDY -- WELL INVENTORY REPORT

DATE (M/YR)	SURFACE ELEV. (FT)	TOTAL WELL DEPTH (FT)	DEPTH TO WATER (FT)	DTW (MSL)	WELL USE	LOG	WO	WL	YIELD (GPM)	DIA. (IN)
?	0	0	14	0	IRR	?	N	N	0	8
?	0	60	6	0	IRR	?	N	N	0	8
?	0	0	7	0	IRR	?	N	N	0	6
7/46	0	100	12	0	IRR	?	N	N	0	12
6/77	0	0	0	0	GEO*	G	N	N	7	0
4/76	0	120	0	0	CAT	D	N	N	0	4
7/77	0	30	15	0	IRR	D	N	N	0	4
1/75	0	120	0	0	CAT	D	N	N	0	0
12/73	0	120	0	0	CAT	D	N	N	0	0
1/19	0	300	81	0	AIN	?	N	N	0	0
7/82	0	235	40	0	MON	E	N	N	0	0
9/82	0	244	40	0	MON	E	N	N	0	0
10/82	0	20	12	0	MON	G	N	N	0	0
7/82	0	25	21	0	MON	G	N	N	0	0
8/82	0	22	16	0	MON	G	N	N	0	0
1/82	0	22	13	0	MON	G	N	N	0	0
8/82	0	22	10	0	MON	G	N	N	0	0
7/82	0	87	0	0	MON	G	N	N	0	0
7/82	0	87	39	0	MON	G	N	N	0	0
8/82	0	77	41	0	MON	G	N	N	0	0
8/82	0	40	15	0	MON	G	N	N	0	0
8/82	0	77	40	0	MON	G	N	N	0	0
8/82	0	87	40	0	MON	G	N	N	0	0
7/82	16	756	87	-71	AIN	D	Y	N	85	10
3/81	0	80	27	0	IRR	D	N	N	0	0
7/76	0	120	0	0	CAT	D	N	N	0	0
6/75	0	120	0	0	CAT	D	N	N	0	0
10/77	0	102	61	0	IRR	D	N	N	0	4
7/41	0	204	79	0	AIN	?	N	N	0	0
6/76	0	120	0	0	CAT	D	N	N	0	0
7/76	0	120	0	0	CAT	D	N	N	0	0

CONTACT REPORT

AGENCY: Alameda County Flood Control and Water Conservation District
ADDRESS: 399 Elmhurst, Hayward, CA
PERSON CONTACTED: John Monser
PHONE NO.: (415) 881-6496
FROM: Steve Wisbaum
TO: File
DATE: 5/4/84
SUBJECT: Well Log Information from Vicinity of Bayside Oil
cc:

Mr. Monser stated that his office does have well logs which could be useful in this preliminary assessment. They should also have all well permits issued by Alameda County. In regard to runoff potential on this site, Mr. Monser said his office also has flow design maps which I am welcome to review as well.

Because of the confidential nature of the well logs Mr. Monser asked that I send him a letter of introduction from the EPA explaining our program and our responsibility for the proper handling of this confidential information. A copy of that letter is attached to this contact report.

SW:sg
5/24/84

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CONTACT REPORT

AGENCY: Alameda County Tax Assessors Office

ADDRESS: 1221 Oak, Oakland, CA

PERSON
CONTACTED: Betty

PHONE NO.: (415) 874-5851

FROM: Steve Wisbaum

TO: File

DATE: May 22, 1984

SUBJECT: Bayside Oil Company Ownership History

cc:

The following information was provided by an employee of the Alameda County Tax Assessors Office. Tax records on file with that office go back to August 30, 1965 when Michael Marcus owned the facility. On February 14, 1972 it was sold to Economy Oil Company who later sold it on May 11, 1972 to Brian Fabian. The same day ownership was changed to include Bernice Fabian. On March 24, 1975 it was changed back to Brian Fabian as sole proprietor and on May 28, 1976 the ownership was changed to Fabian Oil Refining Company. On August 25, 1976 the facility was bought by Bonus International (- Bayside) Corporation and on October 26, 1978 it was sold to Ekotek Lube Inc. Lawrence and Diane Webster bought the facility on January 4, 1984 and although the facility is presently up for sale they are the current owners.

Copies of these records can be obtained from the Assessors Office for a small fee. I was also informed the Recorders Office may have records going beyond 1965. The Tax Reference number of the facility is 33-2203-4-2.

SW:sg
5/24/84

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CONTACT REPORT

AGENCY: Bay Area Air Quality Management District
ADDRESS: 939 Ellis, San Francisco, CA
PERSON CONTACTED: Christine Schaufelberger
PHONE NO.: (415) 771-6000
FROM: Steve Wisbaum
TO: File
DATE: 5/23/84
SUBJECT: Bayside Oil Company

The Bay Area Air Quality Management District Micro-fiche files on Bayside Oil Company go back to 1973. In October of 1978 a violation notice was issued to Bonus International for SO₂ excesses from a leaking still. Another violation notice was issued for H₂S excesses from a still which leaked an unknown foamy material. Neither of these reports gives any more specific information on these spills.

A zoning report submitted to the Alameda County Planning Department contains a section on the environmental history of the site. The report states there had been a history of violations of Federal and State Environmental laws at the site but again nothing specific is mentioned. A complaint investigation by the Air Quality District documents an "oil over-spray" but no other details are given. Christine stated the facility has been inoperative for at least 1 1/2 years.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE August 7, 1984

SUBJECT Preliminary Assessment Review

FROM Nick Morgan T-4-3

TO CAD980496871
Bayside Oil Company
4200 Alameda Avenue
Oakland, CA 94601

This site is a closed oil and solvent recovery facility. The site began operations in 1925 and closed down around 1982. Most equipment at the site dates to 1925. The one acre site is located in an industrial part of Oakland about 500 feet southwest of Nimitz Freeway and about 1000 feet west of the San Francisco Bay and the Oakland Estuary. Groundwater lies between 7 and 27 feet beneath the site and is used for irrigation purposes within two miles of the site and for industrial purposes within 3/4 miles of the site.

Due to poor housekeeping practices and leaking tanks and equipment the soil beneath the facility has become heavily saturated with hydrocarbon products. A June 13, 1984 FIT review of the site indicates four references to on and off site spills. While most of the concerns at this site deal with oil and oil byproducts, which are specifically exempted from the scope of CERCLA, there are two other equally important areas of concern. The above mentioned FIT report contains a list of contaminants of potential concern commonly found in waste crankcase oils, the type often processed by this site. This list, as prepared by the Department of Energy, shows that waste oils may contain such persistent and hazardous items as PCB's, phenols, and toluene, not to mention any other hazardous items as may have been clandestinely disposed of through the illegal mixing with waste oil, as has often happened in this country. Secondly, the solvent recovery operations took place in the same 55 year old tanks as did the oil recovery operations, leading one to the conclusion that there may indeed have been releases of solvents from said tanks.

Conclusions:

Because of the uncertainty of the possible human health or environmental effects of the various documented, undocumented, visible, or inferred releases from this site, a medium priority for further action under the CERCLA program is recommended for this site.

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RECOMMENDATION FOR FURTHER ACTION

DATE: June 13, 1984

PREPARED BY: Steve Wisbaum, Ecology & Environment, Inc.

SITE: Bayside Oil Company
CAD 980496871

1. Initial FIT conclusions and recommendation for further action:

a) Site Description:

1925
Located in an older industrial area in West Oakland California, Bayside Oil company is a waste lube oil recovery and recycling facility which has been in existence since ~~the early 1930's~~. The one acre site consists of a small office, storage buildings, a number of storage tanks and oil processing equipment squeezed into a roughly triangular shaped piece of land on the corner of Alameda Avenue and East 8th Street. The site is about 500 feet southwest of the Nimitz Freeway. The "finished" oil capacity of the plant in 1975 was estimated to be between 30,000 and 40,000 gal/ week. Approximately 2,000 to 10,000 gal/week of solvents were also recovered (Compliance Inspection of Fabian Oil Company*, Engineering-Science, Inc., September 19, 1975; Zoning Report, City of Oakland, November 1978).

Records on file with the Alameda County Tax Assessors office going back to 1965 show Michael Marcus as the owner at that time. The current owners are Laurence and Diane Webster of Inter-Coastal Oil Company but between the years of 1965 and 1984 ownership of the facility changed hands five times. The facility has been inactive for at least 1-1/2 years and is presently for sale again (Alameda County Tax Assessor Contact Report, May 22, 1984; Drive-by site inspection, March 30, 1984; Contact Report with Guenther Moscat of the California Waste Management Board 4/23/84).

Due to a combination of poor housekeeping and leaking tanks and equipment - some reportedly almost 60 years old - the soil below the facility has become heavily saturated with oil (Compliance Inspection of Fabian Oil Company by Engineering-Science, Inc., September 19, 1975; EPA Stationary Source Inspection Notes, February 3, 1975; Fire Prevention Bureau Contact Report, May 1, 1984; California Waste Management Board Contact Report, April 27, 1984; Drive-by site inspection, March 30, 1984).

* Fabian Oil Company was the name of the facility under one of the previous owners.

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b) HRS Factors:

- o Observed Release: Direct evidence of oil released into groundwater at the facility is apparently non-existent but reference to spills at the facility found during the course of this PA are as follows:
 - Report of an unknown quantity of oil overflowing from a tank and entering a storm drain in the street which empties into the Oakland Estuary (Fire Prevention Bureau Contact Report, May 1, 1984).
 - Report by American Can Company adjacent to facility of water overflowing a dike (Ibid.)
 - Report of an unknown foamy material leaking from a tank. Report of oil "over-spray" (Bay Area Air Quality Management District Contact Report, May 23, 1984).
 - Department of Fish and Game located a reference to an oil spill between High Street and Fruitvale but no specific address was given and the file itself has been purged (Contact Log 5/3/84).

- o Direct Contact/Fire and Explosion: Because the site is protected by a chain link fence and locked gates, the potential for direct contact of potential contaminants by the general public is very low. If the facility would become operational however, the potential for direct contact by employees would be significantly higher.

In respect to the sites fire and explosion potential the low flash point of the residual oil in tanks and on the soil surface would indicate a low to negligible potential rating. However, since it is unknown whether the solvent tanks have been completely emptied and cleaned the fire and explosion potential could be greater (Contact Report with Steve Hallert 5/1/84).

- o Waste Quantity: The amount of waste oil and reprocessed oil that has been leaked or spilled at this site is unknown but an attempt to clean up the oil from the soil surface by a previous owner proved unsuccessful due to the depth and degree of saturation (Contact Report with Guenther Moscat of Cal. Waste Management Board 4/27/84).
- o Waste Types: The most obvious contaminant at this site is used and recycled petroleum oil which has saturated the soil. Used oil processed at this type of facility would most likely have been obtained from a variety of sources including: automotive garages and service stations, truck and taxi fleets, military installations, industrial plants and manufacturing facilities of all types. The probable presence of hazardous and non-hazardous contaminants in used lubricating oils is well known by people familiar with the waste oil recycling industry. This has been documented in a study conducted by the GCA Corporation for the Department of Energy which identified a variety of contaminants in samples of waste oil taken from around the

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United States. The attached tables list these contaminants and their concentrations (Contact Report with Guenther Muscat 4/27/84; Contact Report with Dennis Brinkman 4/30/84; NBS Technical Note 1130. "Recycled Oil Program: Phase I - Test Procedures for Recycled Oil Used as a Burner Fuel"; The Fate of Hazardous and Non-hazardous Wastes in Used Oil Disposal and Recycling - Final Report, U.S. Department of Energy GCA Corporation, October 1983).

Up to 1980 an acid clay pot process was used at Bayside for oil recovery. A Department of Health Services Industrial Waste Survey report submitted by Fabian Oil in 1976 indicated production of 70,000 gal/yr. of acid treatment sludge, 45,000 lb/yr. of filter cake and 6,000 gal/yr. of solvent still bottoms from this process. In 1980 a distillation unit was added and the acid clay pot removed (Contact Report with William F. Waylend of A. Johnson and Company august 12, 1981; Contact Report with Jerry Marcott of DOHS 5/29/84).

- o Groundwater: According to the U.S. Geological Survey Professional paper 943, Flatland Deposits - Their Geology and Engineering Properties, Bayside Oil Company is underlain by the Merritt Sand geologic formation which would have a relatively high permeability. The depth to groundwater obtained from well logs recorded in the vicinity ranged from 7 to 27 feet (Department of Water Resources Water Well Drillers Reports 32164, 32163, 32158, 209080, 106040). The direction of groundwater flow would most likely be westerly towards the Oakland Estuary. The net annual precipitation of this area is minus 16.5 (Evaporation Atlas, NOAA Technical Report NW5 June 1982; Alameda County Flood Control and Water Conservation District Mean Annual Precipitation Map, August 1981).

East Bay MUD discontinued its municipal well water supply in 1926 and there are no known groundwater wells being used for domestic purposes within at least 2 miles of the site. There are a number of wells being used for irrigation purposes within a mile of the site and there are also two wells being used for industrial purposes within 3/4 miles of the site (Contact log with John Tom 5/3/84; Alameda County Bay Plain Groundwater Study, Well Inventory Report; "Hydrogeology of East Bay Area", California Division of Mines Bulletin 190).

- o Surface Water: Mean annual rainfall for this site is approximately 21 inches. Because of the winter rains and summer draught cycles of this area and the compacted nature of the soils on-site the potential for runoff would be fairly high. The site itself is level to slightly sloped with drainage into the City of Oakland's stormsewer system which empties into the San Francisco Bay and Oakland Estuary approximately 1,000 feet east of the site.
- o Other Factors: An inquiry to the U.S. Coast Guard to check on availability of file records pertaining to Bayside revealed their Marine Environmental Protection Office recently identified this site as a potential hazard and would like to be kept informed of EPA's investigative and enforcement activities (Contact Report with Fred Wehrenberg 4/30/84).

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c) Conclusion/Recommendation:

As outlined in this report, many years of poor housekeeping compounded by old and deteriorated equipment has resulted in extensive soil contamination with waste lube oil and re-refined oil at Bayside Oil Company. These oils may contain a variety of contaminants commonly found in waste oils such as PCB's, lead and polynuclear aromatic hydrocarbons (PAH). Although there has been no documented release of the waste oil to groundwater, a combination of a relatively shallow groundwater table and relatively permeable underlying materials indicates potential migration of contamination into the Oakland Estuary. Given that no real determination can be made at this time concerning hazards to human health or to the environment that may exist at this facility, FIT recommends sampling be carried out to further characterize this site and determine if any actual hazards exist.

2. EPA recommendation for further action:

Active: See attached comments of Nick Morgan 8/7/84

3. Response Termination: No Further Action Pending Active

Justification:

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TABLE II-3. SOME CONTAMINANTS OF POTENTIAL CONCERN IN WASTE CRANKCASE OILS

Organic contaminants	Probable source	Approximate concentration range (ug/l) ^a
Polynuclear aromatic hydrocarbons including: benzo(a)pyrene chrysene benzo(c)phenanthrene benz(a)anthracene pyrene	Petroleum basestock	360-62,000 2480 120 870-30,000 1670-33,000
Monoaromatic hydrocarbons alkyl benzenes	Petroleum basestock	900,000
Diaromatic hydrocarbons naphthalenes alkylnaphthalenes alkyl biphenyls alkyl benzofurans	Petroleum basestock	440,000 90-740 minor contaminant
Chlorinated hydrocarbons ^b 1,2-dichlorobenzene 2-chloronaphthalene 2-chlorophenol methylene chloride chloroform di- and trichloroethanes trichloroethylenes tetrachloroethylene chlorobenzene	} May be formed chemically during oil use/contamination of oil by solvents in holding tanks can add appreciably to values provided	60-160 8.8 24-2200 2.5-92 2-100 18-1800 18-2600 3.3-1300 4-500
Nitrosamines		Possibly formed during oil use
Polychlorinated biphenyls (PCBs) ^b	Contamination of oil from outside sources	<1000-9700

(continued)

Source: Surprenant, Norman and Battye, William. The Fate of Hazardous and Non-hazardous Wastes in Used Oil Disposal and Recycling. U.S. Department of Energy. October 1983.

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TABLE II-3 (continued)

Organic contaminants	Probable source	Approximate concentration range (ug/l) ^a
Other priority pollutants ^b including:		
benzene	} Contamination of oil from outside sources	18-890
toluene		120-5800
phenol	} Present in petroleum basestock/formed during oil use	5100-99,000
phthalates		1-280
nitrophenols		24-550
nitrobenzenes		1100
various pesticides	Contamination of oil from outside sources	minor contaminants
Metals ^c		
barium	} Additive package	59-693
calcium		983-3126
magnesium		138-999
zinc		629-2500
aluminum	} Engine wear and contamination by soot and dust	4-41
chromium		5-24
copper		6-56
iron		102-665
lead	Contamination from leaded gasoline/lead-containing additives	3730-13,885 ^d

^a Concentration data are from References 1, 3, 4, 19, and 20.

^b Concentration data are from re-refining process streams and may not reflect true concentrations in used oil feedstocks. Other data from Reference 9 indicate some waste oils contain appreciably higher levels (approximately 1000X) of chlorinated hydrocarbons; high levels of PCB (approximately 500,000 to 810,000 ug/kg) were also detected in two samples of waste oil.

^c All concentrations are in mg/kg (ppm).

^d Higher levels not anticipated now due to Federal regulation of lead in gasoline.

Source: Surprenant, Norman and Battye, William. The Fate of Hazardous and Non-hazardous Wastes in Used Oil Disposal and Recycling. U.S. Department of Energy. October 1983.

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TABLE II-15. PRIORITIZATION OF SELECTED POLLUTANTS IN WASTE OIL ACCORDING TO RELATIVE HAZARD BY MEDIA

Air		Water and solid waste	
Pollutant	Relative hazard ^a	Pollutant	Relative hazard ^a
Benzo(a)pyrene ^b	1	Polychlorinated biphenyls (PCBs) ^b	1
Polychlorinated biphenyls (PCBs) ^b	50	Benzo(a)pyrene ^b	60
Benzo(a)anthracene ^b	2,250	Aluminum (E) ^c	100
Cadmium	2,500	Phthalate esters (E)	300
Cobalt	2,500	Phenol	1,000
Nitrosamines ^b	3,250	Nitrophenols	1,000
Nickel	5,000	2-chlorophenol	1,000
Lead ^b	7,500	Cadmium	2,000
Benzo(c)phenanthrene ^b	11,200	Selenium	2,000
Barium	25,000	Lead (E)	10,000
Chromium	25,000	Chlorobenzene (E)	20,000
Benzene ^b	36,450	Dichlorobenzene (E)	20,000
Copper	50,000	Zinc (E)	20,000
Iron	50,000	Chromium (Cr ⁺⁶) ^b	50,000
Phenanthrene	80,000	Phenanthrene	80,000
Chrysene ^b	1.1 x 10 ⁵	Benzo(a)anthracene	1.3 x 10 ⁵
Zinc	2.5 x 10 ⁵	Nitrosamines	2.0 x 10 ⁵
Phthalate esters	2.5 x 10 ⁵	Benzene ^b	2.0 x 10 ⁵
Toluene	2.3 x 10 ⁵	Alkyl benzenes (E)	2.0 x 10 ⁵
Nitrobenzenes	2.5 x 10 ⁵	Nitrobenzenes (E)	2.0 x 10 ⁵
Aluminum	2.6 x 10 ⁵	Trichloroethane (E)	2.0 x 10 ⁵
Chloroform	5.0 x 10 ⁵	Tetrachloroethylene (E)	2.0 x 10 ⁵
Nitrophenols	5.0 x 10 ⁵	Toluene (E)	2.0 x 10 ⁵
Ethylene glycol	5.0 x 10 ⁵	Chloroform (E)	2.0 x 10 ⁵
Phenol	9.5 x 10 ⁵	Arsenic	2.0 x 10 ⁵
Dichloroethane	1.0 x 10 ⁶	Cobalt	2.0 x 10 ⁵
2,4,6-Trichlorophenol	1.9 x 10 ⁶	Copper	2.0 x 10 ⁵
Naphthalene	2.5 x 10 ⁶	Silver	2.0 x 10 ⁵
Pyrene	10 ⁷	Barium (E)	5.0 x 10 ⁵
Alkyl naphthalenes	10 ⁷	Benzo(c)phenanthrene	6.7 x 10 ⁵
Methylene chloride	10 ⁷	Ethylene glycol (E)	1 x 10 ⁶
Chlorobenzene	10 ⁷	Dichloroethane (E)	1 x 10 ⁶
Dichlorobenzenes	10 ⁷	Trichloroethylene (E)	1 x 10 ⁶
Alkylbenzenes	10 ⁷	Methylene chloride (E)	1 x 10 ⁶
Trichloroethane	10 ⁷	Naphthalene	2.5 x 10 ⁶
Trichloroethylene	10 ⁷	Chrysene ^b	7 x 10 ⁶
Tetrachloroethylene	10 ⁷	Pyrene	10 ⁷
		Alkyl naphthalenes	10 ⁸

^aIndicates the relative hazard potential of each listed substance compared to the substance determined to be most "hazardous" which has been arbitrarily assigned the value of 1. Most hazardous values are 0.02 µg/m³ of B(a)P in air; 0.005 µg/liter of PCBs in water; and 0.1 µg/g of PCBs as solid waste.

^bIndicates that the substance is a known or suspected carcinogen in man and/or animals.

^c(E) indicates that hazard potential is mainly as a detriment to the ecology or environmental quality; other substances are hazards to human health, or both human health and environmental quality.

Source: Surprenant, Norman and Battye, William. The Fate of Hazardous and Non-hazardous Wastes in Used Oil Disposal and Recycling. U.S. Department of Energy. October 1983.

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TABLE II-16. WEIGHTED RELATIVE HAZARD FOR SOME CHEMICAL CONTAMINANTS OF INTEREST IN WASTE OIL

Contaminant	Concentration (mg/kg)	Weighted Relative Hazard ^a
Benzo(a)pyrene	< 5	< 5000
Polychlorinated biphenyls	< 2	< 2000
Aluminum	40	400 ^b
Lead	1100	110
Phenol	25	25
Toluene	3100	16
Benz(a)anthracene	15	7
1,1,1-trichloroethane	700	3.5 ^b
Zinc	800	3.2
Phenanthrene	200	2
Benzene	70	2
Tetrachloroethylene	400	2
Trichloroethylene	600	0.6
Cadmium	1	0.5
Chromium	7	0.3
Dichlorobenzene	5	0.25
Naphthalene	460	0.2
Dibutylphthalate	50	0.2

^aWeighted Relative Hazard = $\frac{\text{Concentration in Waste Oil (}\mu\text{g/kg)}}{\text{Relative Hazard Factor}}$

^bBased on ecology.

Source: Surprenant, Norman and Battye, William. The Fate of Hazardous and Non-hazardous Wastes in Used Oil Disposal and Recycling. U.S. Department of Energy. October 1983.

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POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION IX SITE NUMBER (to be assigned by HQ) 10017

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME <u>Bayside Oil Company</u>		B. STREET (or other identifier) <u>Alameda Rd</u>	
C. CITY <u>Oakland</u>	D. STATE <u>Ca</u>	E. ZIP CODE	F. COUNTY NAME
G. OWNER/OPERATOR (if known) 1. NAME <u>Beaus International</u>		2. TELEPHONE NUMBER	
H. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN			
I. SITE DESCRIPTION <u>Site is an oil Refining operation. Property soil shows significant oil contamination</u>			
J. HOW IDENTIFIED (i.e., citizen's complaint, OSHA citations, etc.) <u>EPR Stationary Source Inspection</u>		K. DATE IDENTIFIED (mo., day, & yr.) <u>2/23/78</u>	
L. PRINCIPAL STATE CONTACT 1. NAME		2. TELEPHONE NUMBER	

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input checked="" type="checkbox"/> 2. MEDIUM <input type="checkbox"/> 3. LOW <input type="checkbox"/> 4. NONE <input type="checkbox"/> 5. UNKNOWN	
B. RECOMMENDATION <input type="checkbox"/> 1. NO ACTION NEEDED (no hazard) <input checked="" type="checkbox"/> 2. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: _____ <input type="checkbox"/> 3. IMMEDIATE SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: _____ <input type="checkbox"/> 4. SITE INSPECTION NEEDED (low priority)	

C. PREPARER INFORMATION 1. NAME <u>Gavin</u>	2. TELEPHONE NUMBER <u>556-4606</u>	3. DATE (mo., day, & yr.) <u>5 May 80</u>
--	--	--

III. SITE INFORMATION

A. SITE STATUS <input checked="" type="checkbox"/> 1. ACTIVE (These industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if in low quantity.) <input type="checkbox"/> 2. INACTIVE (These sites which no longer receive wastes.) <input type="checkbox"/> 3. OTHER (specify): _____ (These sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)		
B. IS GENERATOR ON SITE? <input checked="" type="checkbox"/> 1. NO <input type="checkbox"/> 2. YES (specify generator's four-digit SIC Code): _____		
C. AREA OF SITE (in acres) <u>Approx 3 plus</u>	D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES 1. LATITUDE (deg.-min.-sec.) 2. LONGITUDE (deg.-min.-sec.)	
E. ARE THERE BUILDINGS ON THE SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify): <u>Oil Refining Facility</u>		

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Continued From Front

CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

<input checked="" type="checkbox"/> A. TRANSPORTER	<input checked="" type="checkbox"/> B. STORER	<input checked="" type="checkbox"/> C. TREATER	<input checked="" type="checkbox"/> D. DISPOSER
1. RAIL	1. PILE	1. FILTRATION	1. LANDFILL
2. SHIP	2. SURFACE IMPOUNDMENT	2. INCINERATION	2. LANDFARM
3. BARGE	3. DRUMS	3. VOLUME REDUCTION	3. OPEN DUMP
4. TRUCK	4. TANK, ABOVE GROUND	4. RECYCLING/RECOVERY	4. SURFACE IMPOUNDMENT
5. PIPELINE	5. TANK, BELOW GROUND	5. CHEM./PHYS. TREATMENT	5. MIDDNIGHT DUMPING
6. OTHER (specify):	6. OTHER (specify):	6. BIOLOGICAL TREATMENT	6. INCINERATION
		<input checked="" type="checkbox"/> 7. WASTE OIL REPROCESSING	7. UNDERGROUND INJECTION
		8. SOLVENT RECOVERY	8. OTHER (specify):
		9. OTHER (specify):	

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

V. WASTE RELATED INFORMATION

A. WASTE TYPE

1. UNKNOWN 2. LIQUID 3. SOLID 4. SLUDGE 5. GAS

B. WASTE CHARACTERISTICS

1. UNKNOWN 2. CORROSIVE 3. IGNITABLE 4. RADIOACTIVE 5. HIGHLY VOLATILE
 6. TOXIC 7. REACTIVE 8. INERT 9. FLAMMABLE

10. OTHER (specify): waste oil

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) FLYASH	<input checked="" type="checkbox"/> (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGENATED SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify):		

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V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

- Waste oil
- possibly some PCBs

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER	X			
8. CONTAMINATION OF SURFACE WATER	X			
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS		X	2/23/78	
13. CONTAMINATION OF SOIL		X		
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):				

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VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

1. NPDES PERMIT 2. SPCC PLAN 3. STATE PERMIT (specify): _____
 4. AIR PERMITS 5. LOCAL PERMIT 6. RCRA TRANSPORTER
 7. RCRA STORER 8. RCRA TREATER 9. RCRA DISPOSER
 10. OTHER (specify): _____

B. IN COMPLIANCE?

1. YES 2. NO 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number): _____

VIII. PAST REGULATORY ACTIONS

- A. NONE B. YES (summarize below)

IX. INSPECTION ACTIVITY (past or on-going)

- A. NONE B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Stationary Source	2/23/78	EPA	

X. REMEDIAL ACTIVITY (past or on-going)

- A. NONE B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.

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POTENTIAL HAZARDOUS WASTE SITE LOG

SITE NUMBER

10017

NOTE: The initial identification of a potential site or incident should not be interpreted as a finding of illegal activity or confirmation that an actual health or environmental threat exists. All identified sites will be assessed under the EPA's Hazardous Waste Site Enforcement and Response System to determine if a hazardous waste problem actually exists.

SITE NAME

Bayside Oil Co

CITY

Oakland, Calif

STATE

Calif

ZIP CODE

SUMMARY OF POTENTIAL OR KNOWN PROBLEM

Site is a Waste Oil Refining operation. Over 50 years of operation has resulted in significant oil contamination of property soil. Storage tanks are reported in very poor condition

ITEM	DATE OF DETERMINATION OR COMPLETION	RESPONSIBLE ORGANIZATION OR INDIVIDUAL (EPA, State, Contractor, Other)	PERSON MAKING ENTRY TO LOG FORM	DATE ENTERED ON LOG (mo./day/yr)	
1. IDENTIFICATION OF POTENTIAL PROBLEM	2/23/78	EPA	Gavin	5 May 8	
2. PRELIMINARY ASSESSMENT					
APPEARANT SERIOUSNESS OF PROBLEM:	<input type="checkbox"/> HIGH	<input checked="" type="checkbox"/> MEDIUM	<input type="checkbox"/> LOW	<input type="checkbox"/> NONE	<input type="checkbox"/> UNKNOWN
3. SITE INSPECTION					
4. EPA TENTATIVE DISPOSITION (check appropriate item(s) below)					
<input type="checkbox"/> a. NO ACTION NEEDED					
<input checked="" type="checkbox"/> b. INVESTIGATIVE ACTION NEEDED	5/15/80	EPA			
<input type="checkbox"/> c. REMEDIAL ACTION NEEDED					
<input type="checkbox"/> d. ENFORCEMENT ACTION NEEDED					
5. EPA FINAL STRATEGY DETERMINATION (check appropriate item(s) below)					
<input type="checkbox"/> a. NO ACTION NEEDED					
<input type="checkbox"/> b. REMEDIAL ACTION NEEDED					
<input type="checkbox"/> c. REMEDIAL ACTION NEEDED BUT, NO RESOURCES AVAILABLE					
<input type="checkbox"/> d. ENFORCEMENT ACTION NEEDED					
<input type="checkbox"/> e. CASE DEVELOPMENT PLAN PREPARED					
<input type="checkbox"/> f. ENFORCEMENT CASE FILED OR ADMINISTRATIVE ORDER ISSUED					
6. STRATEGY COMPLETED					

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POTENTIAL HAZARDOUS WASTE SITE LOG

SITE NUMBER

NOTE: The initial identification of a potential site or incident should not be interpreted as a finding of illegal activity or confirmation that an actual health or environmental threat exists. All identified sites will be assessed under the EPA's Hazardous Waste Site Enforcement and Response System to determine if a hazardous waste problem actually exists.

SITE NAME

Bayside Oil Co

CITY

Oakland, Calif

STATE

Calif

ZIP CODE

SUMMARY OF POTENTIAL OR KNOWN PROBLEM

Site is a Waste Oil Refining operation. Over 50 years of operation has resulted in significant oil contamination of property soil. Storage tanks are reportedly in very poor condition.

ITEM	DATE OF DETERMINATION OR COMPLETION	RESPONSIBLE ORGANIZATION OR INDIVIDUAL (EPA, State, Contractor, Owner)	PERSON MAKING ENTRY TO LOG FORM	DATE ENTERED ON LOG (Mo./Day/YY)
1. IDENTIFICATION OF POTENTIAL PROBLEM	<i>2/23/78</i>	<i>EPA</i>	<i>Onlin</i>	<i>5 May 80</i>
2. PRELIMINARY ASSESSMENT				
APPEARANT SERIOUSNESS OF PROBLEM: <input type="checkbox"/> HIGH <input checked="" type="checkbox"/> MEDIUM <input type="checkbox"/> LOW <input type="checkbox"/> NONE <input type="checkbox"/> UNKNOWN				<i>5-5-80</i>
3. SITE INSPECTION				
4. EPA TENTATIVE DISPOSITION (check appropriate item(s) below)				
<input type="checkbox"/> a. NO ACTION NEEDED				
<input type="checkbox"/> b. INVESTIGATIVE ACTION NEEDED				
<input type="checkbox"/> c. REMEDIAL ACTION NEEDED				
<input type="checkbox"/> d. ENFORCEMENT ACTION NEEDED				
5. EPA FINAL STRATEGY DETERMINATION (check appropriate item(s) below)				
<input type="checkbox"/> a. NO ACTION NEEDED				
<input type="checkbox"/> b. REMEDIAL ACTION NEEDED				
<input type="checkbox"/> c. REMEDIAL ACTION NEEDED BUT NO RESOURCES AVAILABLE				
<input type="checkbox"/> d. ENFORCEMENT ACTION NEEDED				
<input type="checkbox"/> (ii) CASE DEVELOPMENT PLAN PREPARED				
<input type="checkbox"/> (i) ENFORCEMENT CASE FILED OR ADMINISTRATIVE ORDER ISSUED				
6. STRATEGY COMPLETED				

EPA Form T2070-1 (10-79)

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

215 Fremont Street
San Francisco, Ca. 94105

May 7, 1984

Shinji Momono - Acting Engineer Manager
Alameda County Flood Control and Water Conservation District
399 Elmhurst Avenue
Hayward, California 94544

Dear Mr. Momono:

As requested by John Monser of the Alameda County Flood Control and Water Conservation District this letter authorizes employees of Ecology and Environment, Inc. as Sub-Contractors to the United States Environmental Protection Agency (EPA) to duplicate groundwater well logs on file with the Alameda County Flood Control and Water Conservation District. Pursuant to regulations 40 CFR §§2.203, 2.204 and 2.211, and elaborated upon in the last paragraph of the attached letter of introduction for Steve Wisbaum, EPA and E & E will take all appropriate action to safeguard confidential business information from improper disclosure.

Sincerely,

Robert M. Mandel
Chief, Field Inspections
215 Fremont St., S.F. 94105
(415) 974-8362

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ALAMEDA COUNTY -- BAY PLAIN GROUNDWATER STUDY -- WELL INVENTORY REPORT

DATE (MO/YR)	SURFACE ELEV. (FT)	TOTAL WELL DEPTH (FT)	DEPTH TO WATER (FT)	DTW (MSL)	WELL USE	LOG	WD	WL	YIELD (GPM)	DIA. (IN)
?	0	0	14	0	IRR	?	N	N	0	8
?	0	60	6	0	IRR	?	N	N	0	6
?	0	0	7	0	IRR	?	N	N	0	12
7/46	0	100	12	0	IRR	?	N	N	0	8
6/77	0	0	0	0	GEO*	C	N	N	7	8
4/76	0	120	0	0	CAT	D	N	N	0	4
7/77	0	30	15	0	IRR	D	N	N	0	4
1/75	0	120	0	0	CAT	D	N	N	0	8
12/73	0	120	0	0	CAT	D	N	N	0	8
7/19	0	300	81	0	ABN	?	N	N	0	8
7/82	0	235	40	0	MON	E	N	N	0	8
9/82	0	244	40	0	MON	E	N	N	0	8
10/82	0	20	12	0	MON	C	N	N	0	8
9/82	0	25	21	0	MON	C	N	N	0	8
8/82	0	22	16	0	MON	C	N	N	0	8
1/82	0	22	13	0	MON	C	N	N	0	8
6/82	0	22	10	0	MON	C	N	N	0	8
7/82	0	87	0	0	MON	G	N	N	0	8
7/82	0	87	39	0	MON	G	N	N	0	8
8/82	0	77	41	0	MON	G	N	N	0	8
8/82	0	40	15	0	MON	G	N	N	0	8
8/82	0	77	40	0	MON	G	N	N	0	8
8/82	0	87	40	0	MON	G	N	N	0	8
8/82	16	756	87	-71	IND	D	Y	N	85	10
1/23	0	83	27	0	IRR	D	N	N	0	6
3/81	0	120	0	0	CAT	D	N	N	0	8
7/76	0	120	0	0	CAT	D	N	N	0	8
6/75	0	120	0	0	CAT	D	N	N	0	4
10/77	0	102	61	0	IRR	?	N	N	0	4
7/41	0	204	79	0	ABN	?	N	N	0	12
6/76	0	120	0	0	CAT	D	N	N	0	8
7/76	0	120	0	0	CAT	D	N	N	0	4

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ecology and environment, inc.

120 HOWARD STREET, SUITE #640, SAN FRANCISCO, CALIFORNIA 94105, TEL. 415-777-2811

International Specialists in the Environmental Sciences

13 August 1981

Mr. William F. Waylend
A. Johnson & Co.
110 East 59th Street
New York, NY 10022

Dear Mr. Waylend:

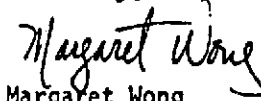
Per your conversation with Cindy Palmer, enclosed is a sample letter of introduction identifying Ecology & Environment, Inc.'s relationship with the Environmental Protection Agency and authorization to perform certain investigative activities under the Agency's Uncontrolled Hazardous Waste Site Investigation Program.

As discussed, a meeting and site visit to the Bayside Oil Co. (a.k.a. Bonus International Co.) located at 4200 Alameda Avenue, Oakland, California, will be arranged at your convenience within the next month. The purpose of the visit will be to obtain information on past disposal practices. Typical site visits usually take the form of an informal round-table discussion with plant personnel familiar with historical waste practices, followed by a plant walk-through and identification of past disposal locations. The availability of information such as historical files, process descriptions, waste analyses, monitoring data, soil borings, and aerial photos are extremely valuable in aiding our assessment of the facility.

Depending on availability of team members and the date of the site visit, either Cindy Palmer or myself will be part of the investigation team. Another Ecology & Environment, Inc. field team member will also be present.

If you have any questions regarding the meeting to be scheduled or the inspection, please feel free to contact me or Cindy Palmer or Ron Karpowicz of this office. Thank you.

Sincerely,


Margaret Wong
Chemical Engineer

cc: Mr. Ronald Karpowicz, Regional Manager, Ecology & Environment, Inc.
Ms. Cindy Palmer, Chemist, Ecology & Environment, Inc.
Mr. Robert Mandel, Hazardous Materials, S & A Division, EPA, Region IX

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Enclosure

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Bayside Oil Company

November 7, 1978

Mr. Clyde B. Eller, Director
Enforcement Division
U.S. Environmental Protection Agency
215 Fremont Street
San Francisco, Ca. 94105

Dear Mr. Eller:

Please refer to your letter dated November 2, 1978; reference A-2.

We do not use any poly-chlorinated biphenyls in any of our re-refining plants. Our normal additive-packages are supplied by Lubrizol or Exxon Chemical Company.

If we can be of further assistance, please feel free to call.

Sincerely,

William E. Hill/WCK
General Manager

WEH/cld

cc:

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from DOHS file 11/17/77

(415) 843-7900

November 14, 1977

Mr. Victor E. Johnson, Jr., P.E.
President
Pacific Disposal Systems
4575 Pacheco Blvd.
Martinez, CA
94553

Dear Mr. Johnson:

This is written to report to you the results of the Department's tetraethyl lead analysis of waste motor oil sludges from Bayside Oil Corporation which are disposed of at your PRD Class I disposal site near Benicia.

The samples were taken from Bayside Oil Corporation tanks #3 and #42 by Department staff on October 13, 1977 and analyzed for tetraethyl lead, quantitatively by atomic adsorption spectroscopy and qualitatively by gas phase chromatography.

The analyses are summarized below:

<u>Tank No.</u>	<u>Lead Concentration as Tetraethyl lead, mg/kg</u>	<u>Total lead, mg/kg</u>
3	6.5	
42	16	5,160

These waste oils are considered by the Department to be hazardous because of the oil and lead content. A total tetraethyl lead concentration of mg/kg - 16mg/kg would render the waste hazardous, but not extremely hazardous. (please refer to the Department's August 1977 draft "California Identification System for Hazardous and Extremely Hazardous Wastes"). This classification of tetraethyl lead containing wastes is based on a one-year study conducted by the Department and the University of California, Berkeley which indicated that wastes containing less than 13 ppm (mg/kg) of lead as tetraethyl lead present little health hazard when disposed of by land spreading.

Accordingly, the Department does not consider the oily sludges

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V. R. Johnson

November 14, 1977

sampled at Bayside Oil Corporation as an extremely hazardous waste. No extremely hazardous waste permit need be obtained by Bayside Oil Corporation for disposal of the sludges, nor does the Department require containerized burial of the waste, bulk burial, nor disposal in a water-covered pond or sump. From a health and safety standpoint, land spreading or soil mixing of the waste is acceptable if it is done at an approved hazardous waste disposal site pursuant to State hazardous waste management regulations in Title 22, Division 4, California Administrative Code.

If you have any questions on this matter please contact this office. A detailed laboratory report on analysis of the waste can be forwarded to you upon request.

Sincerely,

VECTOR AND WASTE
MANAGEMENT SECTION

David L. Storm, Ph.D.,
Regional Coordinator, Berkeley

cc: H. F. Collins, Ph.D.
William Hill,
Bayside Oil Corporation

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PRELIMINARY ASSESSMENT CONTACT LOG

Facility Name: Bayside Oil Company
Facility ID: CAD 980496871

Name	Affiliation	Phone #	Date	Information
File Search	RWQCB-Oakland	(415) 464-1255	02/21/84	No file found RWQCB files for Bayside.
File Search	DOHS-Berkeley	(415) 540-2043	03/27/84	No file found in DOHS files for Bayside.
Julie Comings Administrative Secretary	Alcan Aluminum	(415) 526-3722	04/25/84	See Contact Report
John Monser	Alameda County Flood Control and Conservation District	(415) 881-6496	04/25/84	Called for hydro-geological information. He will check what ACFCWCD has and will call back. Also referred me to East Bay MUD, Army Corps of Engineers and DWR in Sacramento.
Kim Wilhelm	DOHS-Sacramento Alternative Technology Group	(916) 322-2337	04/26/84	Requested general information on waste oil recycling industry. Referred me to Guenther Maskat - (916) 322-1443 of Cal. Waste Management Board.
Pat	EPA Librarian	(415) 974-8076	04/26/84	Requested bibliography of waste soil recycling industry. She will send list of publications available.

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PRELIMINARY ASSESSMENT CONTACT LOG

Facility Name: Bayside Oil Company
 Facility ID: CAD 980496871

Name	Affiliation	Phone #	Date	Information
Fred Wehrenberg Assitant Environmental Protection Officer	U.S. Coast Guard	(415) 437-3087	04/30/84	See Contact Report
Dennis Brinkman	National Institute for Petroleum and Energy Research	(916) 336-2400	04/30/84	See Contact Report
Unknown	National Weather Service - Oakland International Airport	(415) 562-8573	05/01/84	18.03" Rainfall- Mean Annual 1951-1980
Bill Skinner	National Climatic Center	(704) 259-0682	05/01/84	Evaporation Data available in NOAA Technical Reports: WWS-34 <u>Mean, Monthly and Seasonal Pan Evap.</u> P.B. 83161729 and NWS-33 Evap. Atlas for Contig. 48 States P.B. 83122440.
Steve Hallert	Oakland Fire Prevention Bureau	(415) 273-3851	05/01/84	See Contact Report
Dwight Honieg Department Chief	DOHS - Toxic Substances Control Program	Called me	05/02/84	Gave me okay to check Archives for mani- fests. Referred me to Cris Hoblack at Berkeley DOHS for coordination access.

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PRELIMINARY ASSESSMENT CONTACT LOG

Facility Name: Bayside Oil Company
Facility ID: CAD 980496871

Name	Affiliation	Phone #	Date	Information
John Tom	East Bay MUD	(415) 891-0675	05/03/84	Municipal well water supply was discontinued around 1926. <u>It's Name Was MUD</u> is a publication by East Bay MUD of water supply history.
Dave Dayton	East Bay MUD	(415) 835-3000	05/03/84	Couldn't locate any applicable hydrogeologic information.
Dick Stein - Engineer	East Bay MUD	Called me	05/03/84	East Bay MUD has no wells under their jurisdiction since they don't use groundwater for their municipal supplies.
Mike Rugg - Water Quality Biologist	Department of Fish and Game	(707) 944-2011	05/03/84	Located a reference to Case File #1830 which documents an oil spill between High Street and Fruitvale but the file has been purged.
Mike Golden	DOHS-Sacramento	(916) 324-2426		Referred to me by Kim Wilhelm of DOHS in Sacramento. Said CH ₂ M Hill did preliminary sampling of Purity Oil which is a similar site. Extensive RI/FS on file in Sacramento.
John Monser	Alameda County Flood Control and Water Conservation District	(415) 881-6496	05/04/84	See Contact Report

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PRELIMINARY ASSESSMENT CONTACT LOG

Facility Name: Bayside Oil Company
 Facility ID: CAD 980496871

Name	Affiliation	Phone #	Date	Information
	U.S. Geological Survey Office	(415) 874-6794	05/17/84	Only useful hydro-geologic information is Geologic Quadrangle Map of Oakland East Quadrangle.
	DOHS Archives		05/18/84	See Contact Report
John Konser	Alameda County Flood Control and Water Conservation District	(415) 881-6495	05/21/84	Copied Well Drillers Reports for vicinity of Bayside. Looked at Data Base Management System for Groundwater in Alameda County. This system provides computer printouts of well water levels, quality and addresses. Access is through Township and Range coordinates.
Betty	Alameda County Tax Assessors Office	(415) 874-5851	05/22/84	See Contact Report 5/22/84
	Alameda County Recorders Office	(415) 874-6642	05/22/84	Employees will not search records, I have to go in personally.
Iize	DOHS Berkeley	(415) 540-3080	05/22/84	Rechecking files for file on Ekotek or Bonus. Nothing found.

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PRELIMINARY ASSESSMENT CONTACT LOG

Facility Name: Bayside Oil Company
Facility ID: CAD 980496871

Name	Affiliation	Phone #	Date	Information
Christine Schaufelberger	Bay Area Air Quality Management District	(415) 771-6000	05/23/84	See Contact Report

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CONTACT REPORT

AGENCY: Bay Area Air Quality Management District
ADDRESS: 939 Ellis, San Francisco, CA
PERSON CONTACTED: Christine Schaufelberger
PHONE NO.: (415) 771-6000
FROM: Steve Wisbaum
TO: File
DATE: 5/23/84
SUBJECT: Bayside Oil Company

The Bay Area Air Quality Management District Micro-fiche files on Bayside Oil Company go back to 1973. In October of 1978 a violation notice was issued to Bonus International for SO₂ excesses from a leaking still. Another violation notice was issued for H₂S excesses from a still which leaked an unknown foamy material. Neither of these reports gives any more specific information on these spills.

A zoning report submitted to the Alameda County Planning Department contains a section on the environmental history of the site. The report states there had been a history of violations of Federal and State Environmental laws at the site but again nothing specific is mentioned. A complaint investigation by the Air Quality District documents an "oil over-spray" but no other details are given. Christine stated the facility has been inoperative for at least 1 1/2 years.

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0011730

CONTACT REPORT

AGENCY: Alameda County Tax Assessors Office

ADDRESS: 1221 Oak, Oakland, CA

PERSON

CONTACTED: Betty

PHONE NO.: (415) 874-5851

FROM: Steve Wisbaum

TO: File

DATE: May 22, 1984

SUBJECT: Bayside Oil Company Ownership History

cc:

The following information was provided by an employee of the Alameda County Tax Assessors Office. Tax records on file with that office go back to August 30, 1965 when Michael Marcus owned the facility. On February 14, 1972 it was sold to Economy Oil Company who later sold it on May 11, 1972 to Brian Fabian. The same day ownership was changed to include Bernice Fabian. On March 24, 1975 it was changed back to Brian Fabian as sole proprietor and on May 28, 1976 the ownership was changed to Fabian Oil Refining Company. On August 25, 1976 the facility was bought by Bonus International Corporation and on October 26, 1978 it was sold to Ekotek Lube Inc. Lawrence and Diane Webster bought the facility on January 4, 1984 and although the facility is presently up for sale they are the current owners.

Copies of these records can be obtained from the Assessors Office for a small fee. I was also informed the Recorders Office may have records going beyond 1965. The Tax Reference number of the facility is 33-2203-4-2.

SW:sg
5/24/84

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CONTACT REPORT

AGENCY: DOHS Archives
ADDRESS: Heinz Avenue, Berkeley, CA
PERSON
CONTACTED: Chris Knoblock
PHONE NO.: (415) 540-2060
FROM: Steve Wisbaum
TO: File
DATE: 5/18/84
SUBJECT: FILE SEARCH FOR MANIFESTS
cc: Mark Bradford, FIT Members

On May 18, 1984 FIT members Ron Goloubow and Steve Wisbaum inspected the manifests stored in the department of Health Services archives in Berkeley, California. Our observations are as follows:

- o The manifests are stored in a warehouse in south Berkeley. Access was provided by the Hazardous Waste Management Branch of the Berkeley DOHS.
- o There are 100 or more boxes containing manifests dating from 1974 to 1979 and originating from all over the State of California.
- o The manifests are often incomplete and/or difficult to read and they are not grouped together by facility or hauler but by year.
- o Chris Knoblock from DOHS provided us with a master list of the files (attached) but because the manifests were filed by year, in order to find records on a particular facility all the boxes must be searched individually - obviously an impractical, time consuming and tedious process for our purposes.
- o Eventually the DOHS plans to refile the manifests so that information can be obtained more readily. Until that happens the present system renders the manifests stored in the archives practically useless to our investigations.

SW:sg
5/23/84

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CONTACT REPORT

AGENCY: Fire Prevention Bureau
ADDRESS: 201 City Hall, Oakland, CA

PERSON CONTACTED: Steve Hallert
PHONE NO.: (415) 273-3851
FROM: Steve Wisbaum
TO: File
DATE: May 1, 1984
SUBJECT: Bayside Oil Company

Mr. Hallert was requested to check the Fire Prevention Bureau's files for any information on Bayside Oil company. According to reports found in the Bureau's files an oil spill occurred at the facility then owned by Fabian Oil, February 13, 1975.

Apparently caused by a tank overflow the spill was not reported by Fabian employees or owners but was called in by Oakland City Street Department employees who noticed oil flowing through a crack in a dike and into a storm drain which emptied into the Oakland Estuary. Oil also reportedly seeped into the grounds of the facility but there was no estimate of the total amount spilled.

A National Fire Protection Association (NFPA) Report dated December 29, 1976 documents a fire in a 30,000 gallon tank which was caused by vapors being ignited by static electricity in the tank. A report dated May 20, 1975 documents the repair and inspection of the cracked dikes while a following report dated April 1, 1976 by the American Can Company located next door to Bayside (Fabian) indicated water was flowing over the top of dikes.

Mr. Hallert indicated that because of the low flash point of the oil, the sites potential for fire and explosion would be low to negligible.

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CONTACT REPORT

AGENCY: National Institute for Petroleum & Energy Research
ADDRESS: Bartelville, Oklahoma
PERSON CONTACTED: Dennis Brinkman
PHONE NO.: (918) 336-2400
FROM: Steve Wisbaum
TO: File
DATE: 4/30/84
SUBJECT: Information on presence of hazardous materials in waste oil feedstock

Mr. Brinkman was involved in a nationwide study of used oil feedstock in the waste oil refining industry conducted a few years ago. Although the oils were analyzed for hydrocarbons, metals, sulfur and nitrogen only, the problem of hazardous materials being illegally disposed of in waste oil is well known by people associated with the industry. He stated that the problem has existed for many years but has become more acute since enactment of the Resource Conservation and Recovery Act. For more accurate analysis of this problem and how it might relate to the Bayside Facility he is sending me a copy of the "Fate of Hazardous Wastes In Used Oil Recycling" published by the G.C.A. Corporation in Bedford, Massachusetts.

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CONTACT REPORT

AGENCY: U.S. Coast Guard - Marine Environmental Protection
Office

ADDRESS: San Francisco

PERSON
CONTACTED: Fred Wehrenberg

PHONE NO. (415) 437-3087

FROM: Steve Wisbaum

TO: File

DATE: 4/30/84

SUBJECT: Bayside Oil Company

Due to the close proximity of the Bayside facility to the Oakland Estuary an inquiry was made to the U.S. Coast Guard as to the availability of file records on the facility. Although Mr. Wehrenberg stated his office does not have a file for Bayside he recently inspected the facility himself after driving by and becoming concerned about potential contamination problems there. He was relieved to know we are conducting this preliminary assessment and would like to be kept informed of the status of our investigation and enforcement activities.

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CONTACT REPORT

AGENCY: Alcan Auminum
ADDRESS: 1069 2nd Street, Albany, CA
PERSON CONTACTED: Julie Comings, Administrative Secretary
PHONE NO: (415) 526-3722
FROM: Steve Wisbaum
TO: File
DATE: 4/25/84
SUBJECT: Type of solvents sent to Bayside for recycling

Alcan was mentioned as the primary source of solvent recycled at Bayside Oil Company. Ms. Comings stated the type of solvent sent to Bayside would have been Chevron 325 and/or Chevron 350B which broken down by weight was:

80% solvent, 16% aluminum and 4% steric acid.

SW:sg
6/20/84

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CONTACT REPORT

AGENCY: Bayside Oil Company
ADDRESS: 4200 Alameda Avenue, Oakland, CA
PERSON CONTACTED:
PHONE NO.:
FROM: Steve Wisbaum
TO: File
DATE: March 30, 1984
SUBJECT: Drive by Inspection of Bayside Oil Company

On March 30, 1984 FIT members Steve Wisbaum and Ron Goloubow of Ecology and Environment, Inc. conducted a drive-by inspection of Bayside Oil Company. The purpose of this inspection was to evaluate the site's present status in relation to the Preliminary Assessment being conducted by E & E for the Environmental Protection Agency.

The following observations were made:

- o The site is located in an older industrial area approximately 1000 feet from the San Francisco Bay and approximately 500 feet from the Kimitz Freeway.
- o The site is presently not occupied and a For Sale sign hung on the main office building. The realty agency listed was Hamilton-Cohn-Gerow and the phone number was 562-4490.
- o A chain link fence surrounds the facility.
- o Oil stains cover most of the site and there is a definite smell of oil.
- o Some ponded water was observed beneath some raised tanks in a diked area in the South-East corner of the site.
- o Photographs were taken and accompany this report.

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CONTACT REPORT

AGENCY: A. Johnson & Co.
ADDRESS: 110 E. 59th Street
New York, NY 10022
PERSON CONTACTED: William F. Waylend
PHONE NO.: (212) 758-3200
FROM: C. Palmer
TO: R. Karpowicz
DATE: August 12, 1981
SUBJECT: Bayside Oil Co., Oakland

Mr. Waylend handles real estate on the West Coast for A. Johnson & Co. He said Bayside (Bonus Oil) was bought in 1978. The process used for oil recovery was changed about 1½ years ago when a distillation unit was added and the acid clay pot removed. The site was used until early 1981 as an oil terminal for mixing and packaging. Beginning in March 1981, equipment was removed to southern California. There is no activity presently at Bayside in Oakland.

Mr. Waylend requested a formal letter of introduction be sent to him (copy attached). He said he would contact personnel on the West Coast who could provide us with access to the site during late August or early September. He will contact us with an inspection date which is convenient for the parties involved and was most cooperative in providing information.

CP:ahg
8/18/81

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ecology and environment, inc.

120 HOWARD STREET, SUITE #640, SAN FRANCISCO, CALIFORNIA 94105, TEL. 415-777-2811

International Specialists in the Environmental Sciences

13 August 1981

Mr. William F. Waylend
A. Johnson & Co.
110 East 59th Street
New York, NY 10022

Dear Mr. Waylend:

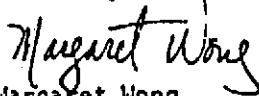
Per your conversation with Cindy Palmer, enclosed is a sample letter of introduction identifying Ecology & Environment, Inc.'s relationship with the Environmental Protection Agency and authorization to perform certain investigative activities under the Agency's Uncontrolled Hazardous Waste Site Investigation Program.

As discussed, a meeting and site visit to the Bayside Oil Co. (a.k.a. Bonus International Co.) located at 4200 Alameda Avenue, Oakland, California, will be arranged at your convenience within the next month. The purpose of the visit will be to obtain information on past disposal practices. Typical site visits usually take the form of an informal round-table discussion with plant personnel familiar with historical waste practices, followed by a plant walk-through and identification of past disposal locations. The availability of information such as historical files, process descriptions, waste analyses, monitoring data, soil borings, and aerial photos are extremely valuable in aiding our assessment of the facility.

Depending on availability of team members and the date of the site visit, either Cindy Palmer or myself will be part of the investigation team. Another Ecology & Environment, Inc. field team member will also be present.

If you have any questions regarding the meeting to be scheduled or the inspection, please feel free to contact me or Cindy Palmer or Ron Karpowicz of this office. Thank you.

Sincerely,


Margaret Wong
Chemical Engineer

cc: Mr. Ronald Karpowicz, Regional Manager, Ecology & Environment, Inc.
Ms. Cindy Palmer, Chemist, Ecology & Environment, Inc.
Mr. Robert Mandel, Hazardous Materials, S & A Division, EPA, Region IX

MW:ahg

Enclosure

recycled paper

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CONTACT REPORT

AGENCY: Bayside Oil Co.
ADDRESS: Richmond, CA
PERSON CONTACTED: Alan Gould
PHONE NO.: (415) 234-1231 (Answering Service)
FROM: C. Palmer
TO: R. Karpowicz
DATE: August 11, 1981
SUBJECT: Bayside Oil Co., Oakland facility
cc:

The telephone numbers for Bayside Oil listed in the EPA "Sacred File" were disconnected and/or changed. The number used here was obtained through operator information and is an answering service for Bayside, Richmond. My message was returned by Mr. Gould who informed me that Bayside Oil had liquidated its property in San Carlos (the former headquarters), Oakland, and Salt Lake City, leaving the sole operation in Richmond. The Oakland site was purchased by a New York based holding company and has been out of Bayside's hands for several months. The New York contact is A. Johnson & Co., a shipping line. Mr. Gould had no further knowledge of present events at Bayside in Oakland.

CP:ahg
8/19/81

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CONTACT REPORT

AGENCY: California Regional Water Quality Control Board

ADDRESS: 1111 Jackson Street, Room 6040
Oakland, CA 94607

PERSON CONTACTED: Harold Singer
Charles E. Robinson, Water Resources Control Engineer

PHONE NO.: (415) 464-0682

FROM: C. Palmer

TO: R. Karpowicz

DATE: August 7, 1981

SUBJECT: Bayside Oil Co. and L & M Plating, Oakland

cc:

The RWQCB was contacted to examine their historical files on Bayside and L & M. There are no active files on either site. Neither site is a registered waste discharger or had RWQCB case files, monitor records or court search records.

The General Electric site is adjacent to L & M on 54th Avenue. An extensive file on the PCB related work done at GE exists at RWQCB. A copy was made of an excellent detailed map of this area (dated December 10, 1980) which includes L & M.

The RWQCB is not interested in accompanying the EPA/E & E on-site inspections of either site since, according to Harold Singer, there appears to be no water related problem.

CP:ahg
8/19/81

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CONTACT REPORT

AGENCY: Department of Health Services
ADDRESS: 2151 Berkeley Way
Berkeley, California 94704
PERSON CONTACTED: Harry Seraydarian - *cyh*
John Blascoe
PHONE NO.: (415) 540-2043
FROM: C. Palmer
TO: R. Karpowicz
DATE: August 7, 1981
SUBJECT: Bayside Oil Co. and L & M Plating, Oakland
cc:

The DOHS was contacted to examine their files on the sites in Oakland. They were aware of no new activity at either site. Examination of their files showed neither Bayside or L & M are registered waste dischargers. Bayside's waste type was identified as "organic lead waste". The only material contained in their file on Bayside was a letter from DOHS to Pacific Disposal Systems (14 November 1977) regarding lead concentrations of oil sludges they had accepted for disposal. This correspondence indicated the material was not an extremely hazardous waste and required no permitting for disposal. No additional information was found in the DOHS files on Bayside.

L & M Plating: The DOHS file contained two letters which had been sent to Robert McSkimming, L & M Plating, detailing sampling requirements/ Xerox copies made for our files. Sonia Santos presently has the file on sampling conducted at L & M (see Contact Report dated August 17, 1981).

CP:ahg
8/19/81

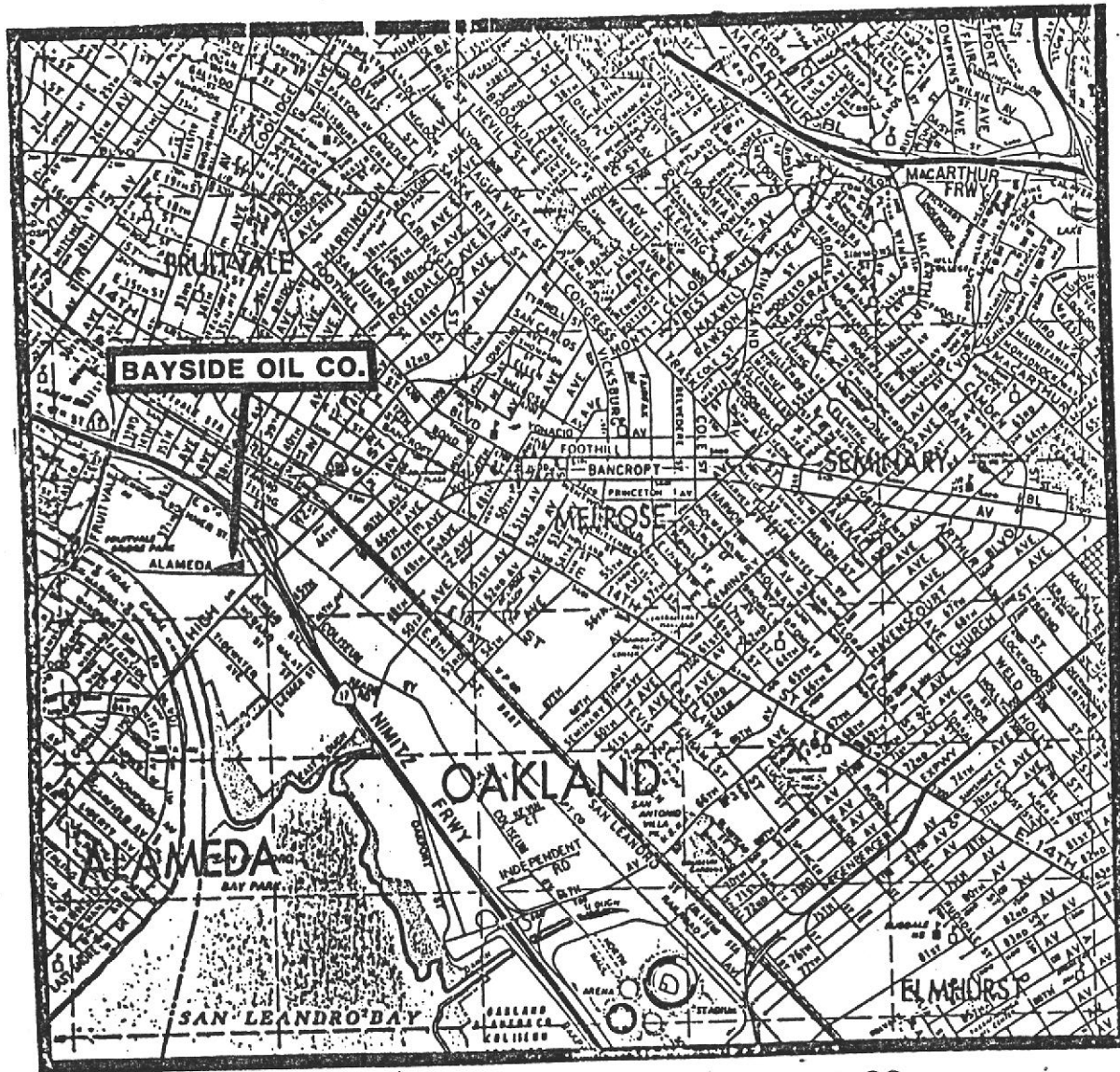
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Randy Carpenter of A. Johnson & Company
will call next Monday ^(8:30 AM) when
he arrives in SF to set up an inspection
of Bayside for that week - he is
with Johnson's law office in SF and will
provide someone for an inspection.
... Quite a congenial group... CP

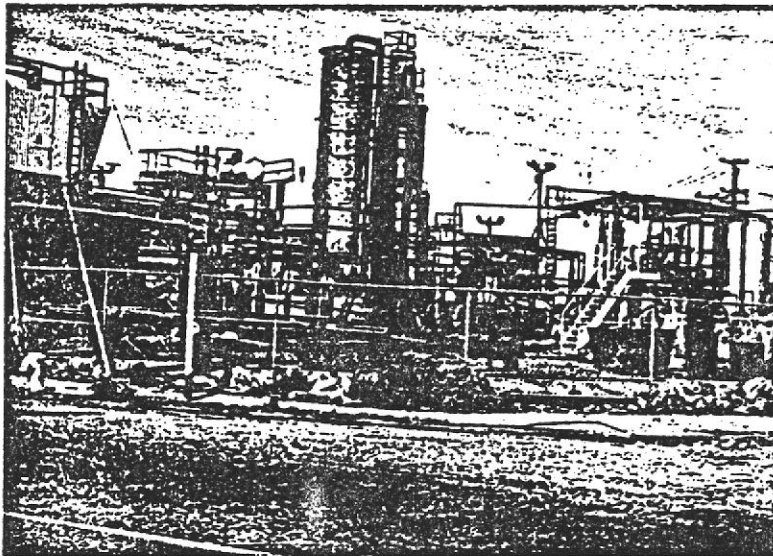
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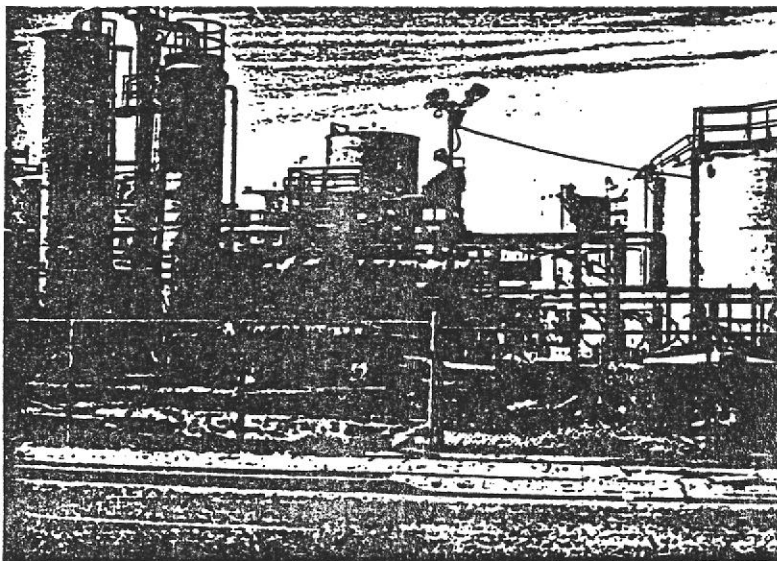


MAP SHOWING LOCATION OF BAYSIDE OIL CO.
OAKLAND, CALIFORNIA

54-0000-1



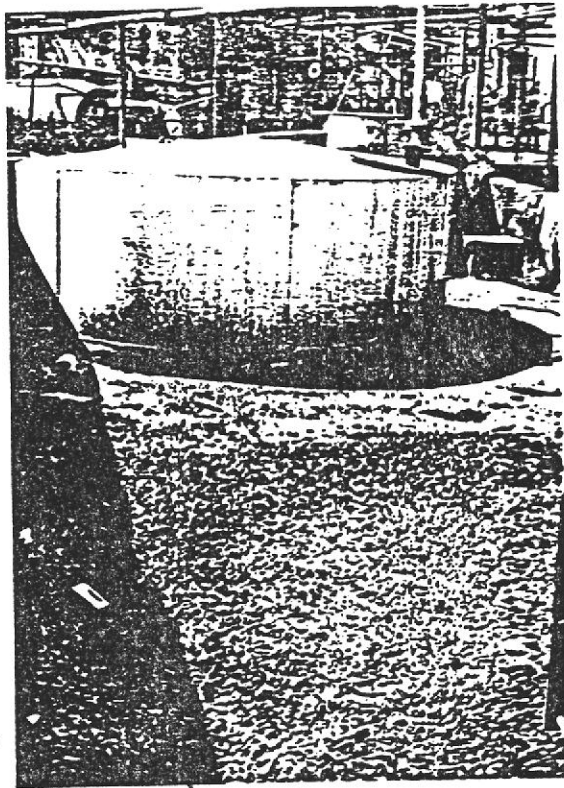
Bayside Oil Company 3/30/84
View from Alameda Avenue facing North



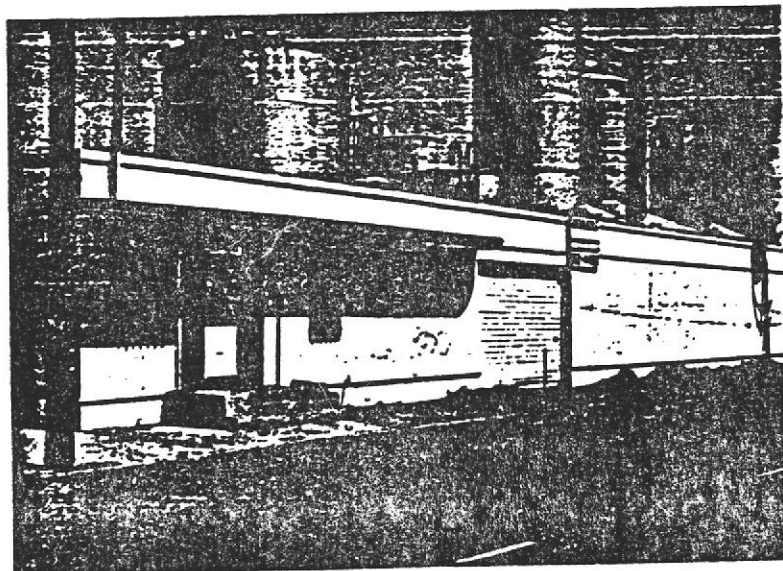
Bayside Oil Company 3/30/84
View from 8th Avenue facing West

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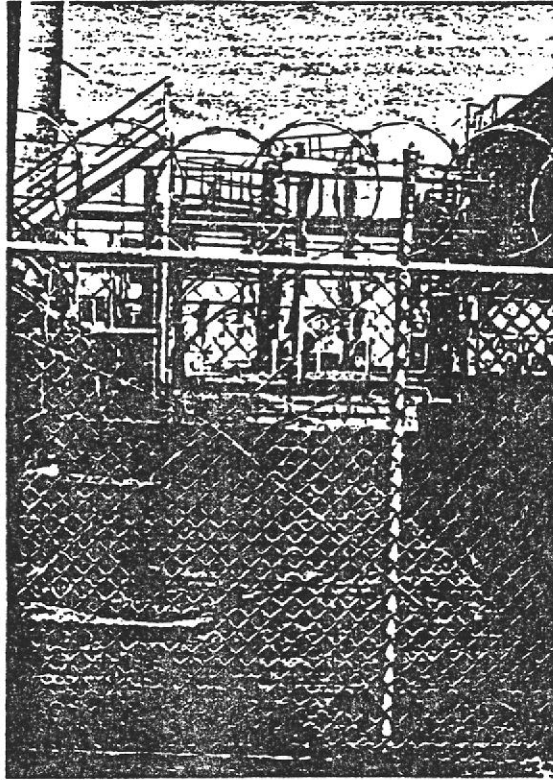


Bayside Oil Company 3/30/84
View of tank with oil stains on soil



Bayside Oil Company 3/30/84
View from Alameda Avenue facing North-East

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Bayside Oil Company 3/30/84
View from Alameda Avenue facing North

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